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Directional wave observations, Thimble Shoal light, October 19, 1993 to April 14, 1994

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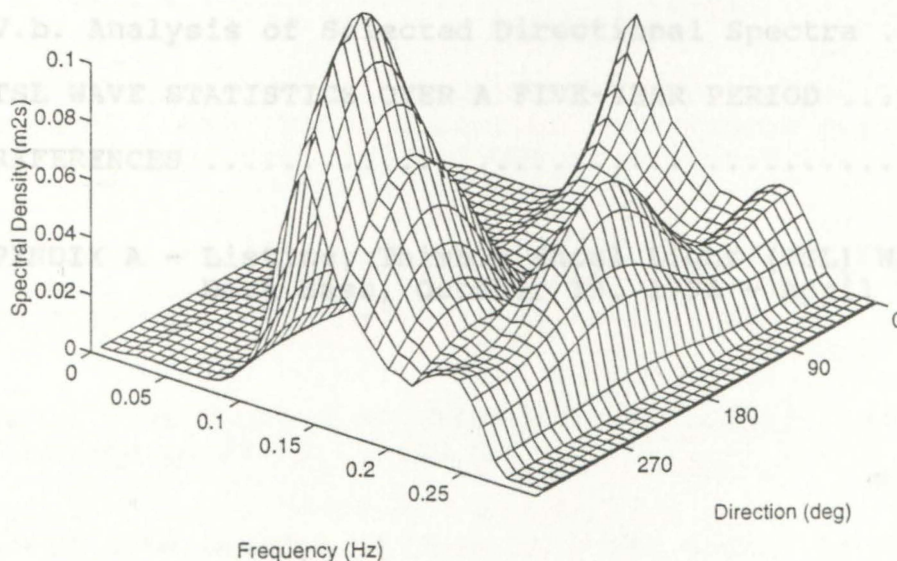
Lower Chesapeake Bay Wave Climatology

DIRECTIONAL WAVE OBSERVATIONS

Thimble Shoal Light

October 19, 1993 to April 14, 1994

TSL 10-26-93 18:00 EST



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September 1994



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I. VIRGINIA COASTAL INFORMATION PROGRAM

The Virginia Institute of Marine Science, in cooperation with the Virginia Department of Conservation and Recreation, Division of Soil and Water conservation, has identified as one of its major goals the systematic study of hydrodynamic processes that affect recreational, shoreline and benthic resources in the coastal zone of the Commonwealth. As one component of the Virginia Coastal Information Program, a wave climatology project was initiated in 1988 with support from the National Oceanographic and Atmospheric Agency's Coastal Zone Management Program administered by the Virginia Council on the Environment. Directional wave observations were begun on a seasonal schedule (fall, winter, spring) at a single station location near the Thimble Shoal Light in lower Chesapeake Bay. In 1993, a one-year cooperative agreement between the United States of America and the Commonwealth of Virginia permitted a second wave station to be operated at the entrance to the Thimble Shoal Channel, a major navigational route in the lower bay (Figure 1). Simultaneous wave observations obtained at these two stations, Thimble Shoal Light (TSL) and Thimble Shoal Entrance (TSE), were presented in an earlier report (Boon and Hepworth, 1993). The present report contains a description of the observations and analyses performed at the TSL wave station, the sole station in operation during the 1993-1994 season.

II. THIMBLE SHOAL SITE DESCRIPTION

Thimble Shoal Light (TSL) - This station is designated Virginia Gage VA2 under the joint U.S. Army Corps of Engineers - Virginia Coastal Information Program. It is located approximately 2.0 n.mi. northeast of the Thimble Shoal Light navigational aid and 2.5 n. mi. north-northeast of the west end of the Thimble Shoal Channel at latitude $37^{\circ} 2.5'N$, longitude $76^{\circ} 11.6'W$ (ref: NOS chart 12222, Cape Charles to Norfolk Harbor). The gage measurement system is secured to a free-standing, weighted tetrapod placed on a hard sand bottom at a depth of approximately 6.1 m below MLLW datum. It lies at the NE edge of a broad shoal known as the "Horseshoe" (NOS chart 12222) where water depths begin a general increase to the north and east.

III. WAVE GAGE DESCRIPTION

Waves were measured and recorded at TSL by a modified Sea Data Model 635-9RS directional wave gage with Paroscientific high precision digiquartz pressure transducer, KVH digital compass, and Marsh-McBirney 2-axis electromagnetic flow sensor with 4-cm diameter sphere. The flow sensor was co-located with (placed 80 cm below) the pressure (P) sensor and oriented to obtain measures of the horizontal (UV) flow components at a height of 1.2 m above bottom. All components of the wave gage were attached to a tubular aluminum tetrapod (2 m height x 3 m square base) that was

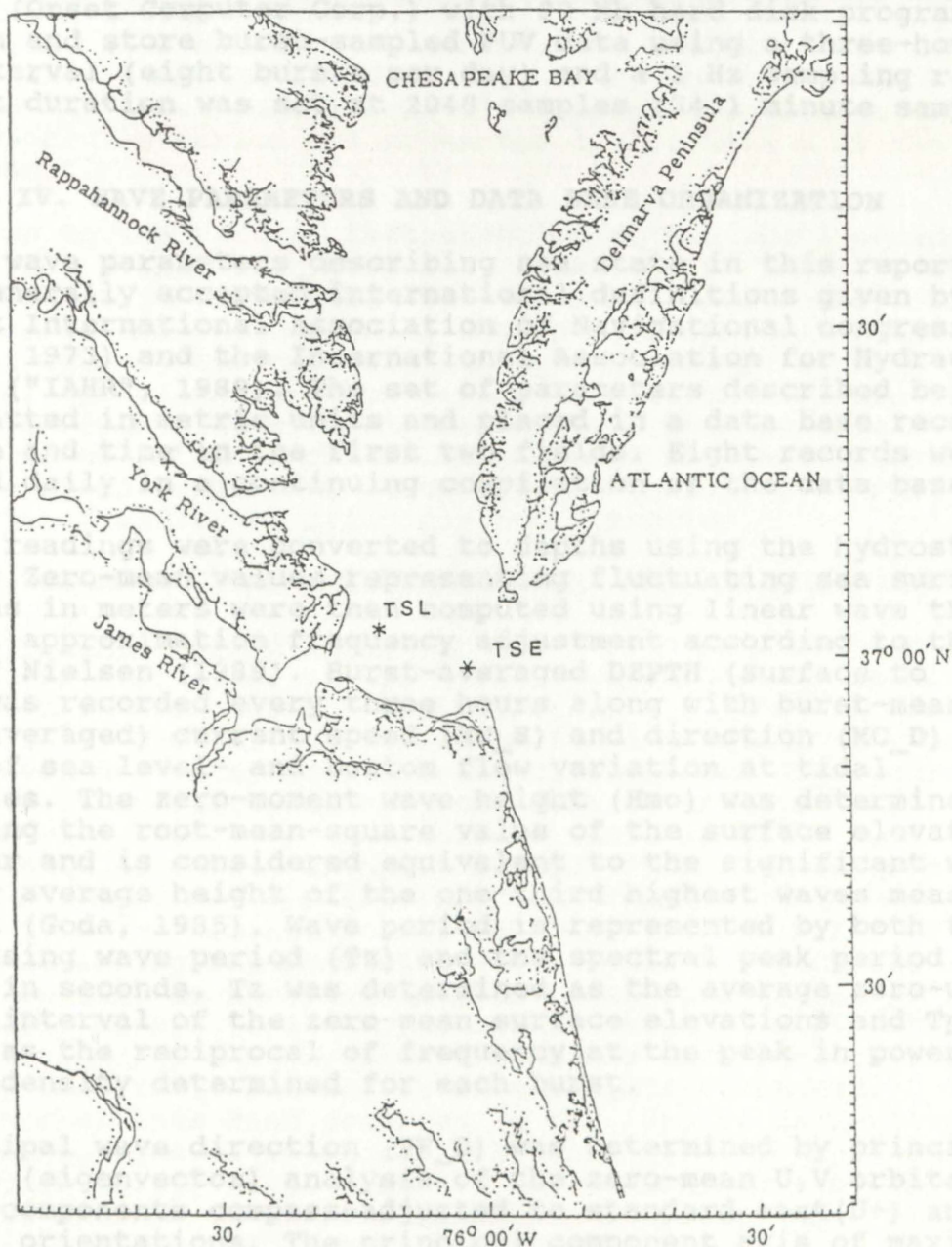


Figure 1. Location of Lower Chesapeake Bay Wave Stations

retrieved and re-deployed at monthly intervals using an acoustic recall system from the 20 m VIMS research vessel R/V BAY EAGLE. The wave gage controller system consisted of a Tattletale Model 6 computer (Onset Computer Corp.) with 80 Mb hard disk programmed to obtain and store burst-sampled PUV data using a three-hour burst interval (eight bursts per day) and a 1 Hz sampling rate. The burst duration was set at 2048 samples (34.1 minute sampling duration).

IV. WAVE PARAMETERS AND DATA BASE ORGANIZATION

Selected wave parameters describing sea state in this report follow generally accepted international definitions given by the Permanent International Association of Navigational congresses ("PIANC", 1973) and the International Association for Hydraulic Research ("IAHR", 1989). The set of parameters described below are formatted in metric units and placed in a data base record with date and time in the first two fields. Eight records were generated daily in a continuing compilation of the data base.

Pressure readings were converted to depths using the hydrostatic equation. Zero-mean values representing fluctuating sea surface elevations in meters were then computed using linear wave theory and local approximation frequency adjustment according to the method of Nielsen (1989). Burst-averaged DEPTH (surface to bottom) was recorded every three hours along with burst-mean (vector-averaged) current speed (MC_S) and direction (MC_D) as a measure of sea level- and bottom flow variation at tidal frequencies. The zero-moment wave height (H_{m0}) was determined by multiplying the root-mean-square value of the surface elevation times four and is considered equivalent to the significant wave height or average height of the one-third highest waves measured per burst (Goda, 1985). Wave period is represented by both the zero-crossing wave period (T_z) and the spectral peak period (T_p) measured in seconds. T_z was determined as the average zero-up-crossing interval of the zero-mean surface elevations and T_p is obtained as the reciprocal of frequency at the peak in power spectral density determined for each burst.

The principal wave direction (PW_D) was determined by principal component (eigenvector) analysis of the zero-mean U,V orbital velocity components compass-adjusted to standard east(U+) and north(V+) orientations. The principal component axis of maximum U,V variance has a 180° ambiguity which was resolved through correlation with surface elevation assuming progressive wave motion. The resulting wave direction corresponds to the direction of wave advance (0-360° measured clockwise from 0° True North), not the direction from which the wave has come. Like the zero-crossing wave period, T_z , the principal wave direction may not be meaningful at times when multiple random wave trains are present that have multiple peaks in frequency and direction.

(Plates 1,2,3 and 5) show binodal spectra typical for this site;

Spectrum analysis performed on each surface elevation series permitted determination of the wave energy (m^2) in selected spectral bands. For convenience, this was expressed as the percent of total energy in seven bands (>20 second, 20-16 second, 16-12 second, 12-8 second, 8-6 second, 6-4 second and <4 second). The total energy may be found as $H_{mo}^2/16$ in any wave record containing the above parameters. Listings of the records obtained in this reporting period are presented in Appendix A at the end of the report.

In addition to the routine determination of the above parameters for data base compilation purposes, selected PUV series were analyzed to obtain **directional wave spectra** (Goda, 1985). This method permits the resolution of one or more spectral peaks at a specific frequency and direction using the concept of a directional spreading function centered about the principal wave direction at each band-central frequency. Primarily this procedure is of value in determining energy component history whenever a mixed random sea state occurs consisting of multiple wave trains of different frequency and direction.

V. SUMMARY OF WAVE CHARACTERISTICS, THIMBLE SHOAL LIGHT

V.a. Wave Height, Period and Direction - Figures 2 through 5 show the day-to-day variation in the basic wave parameters obtained at the TSL wave station for the period October 19, 1993 through April 14, 1994. Most of the variation in wave height, period and direction was driven by frontal wave disturbances (cyclogenesis) in the form of extratropical storms. Each of these events produced a patterned response, more or less, in which the principal wave direction abruptly changed from a normal west-northwest 300° heading to a southerly 180° heading as wave periods decreased from 7-8 seconds to 4-5 seconds. The dominance of southerly advancing bay-generated waves typically occurred for only a brief time as H_{mo} wave heights began to increase to their maximum value of 0.8 to 1.4 m, following which wave directions quickly returned to west-northwest headings with periods rapidly increasing to 8 to 10 seconds as wave heights decreased. A dozen or so events of this kind occurred in the 1993-94 fall-winter-spring season, none of which could be classified as a severe or extreme storm (i.e., class 4 or 5 on the Dolan/Davis scale). Five of the most intense of these storms were selected for directional wave analysis described in the next section.

V.b. Analysis of Selected Directional Spectra

Directional wave spectra were computed using computational procedures described in Tucker (1991, pp.209-210), based on the method introduced by Longuet-Higgins et al. (1963). Plates 1 through 5 show directional spectra for five events beginning with the pre-storm period and proceeding at three-hour intervals until the waning stage of each storm. Four of the storms represented (Plates 1,2,3 and 5) show bimodal spectra typical for this site;

i.e., spectra featuring a high frequency peak of 5-6 second period and 180-190° direction accompanied by a low-frequency peak of 8-10 second period and 290-300° direction. Only one of the five storms (December 11-12, Plate 4) lacked the usual low-frequency peak representing shelf waves entering the bay from the Atlantic Ocean. Instead, this storm produced a single narrow-banded peak at about 6-7 seconds and 180° representing locally generated bay waves exclusively. However, during the two most energetic storms (October 26-28, plate 1; March 1-3, plate 5), the ocean wave spectral peaks reached a higher maximum density than the bay wave peaks, underscoring the importance of the Virginia inner shelf region as a generating zone for much of the wave energy reaching the lower Chesapeake Bay.

VI. TSL WAVE STATISTICS OVER A FIVE-YEAR PERIOD

Sufficient data have now accumulated at the Thimble Shoal Light station to begin development of a statistical representation of the lower Chesapeake Bay wave climatology. A convenient way of characterizing wave climatology is through the joint distribution of height and period tabulated for a large number of recorded waves. In this study, the distribution was developed by calculating the number of waves per thousand occurring in selected class intervals of burst-averaged height (H_{mo}) and period (T_z). For example, 66 of 1000 waves on average may fall in the interval $7 \leq T_z < 8$ seconds and the interval $0.125 \leq H_{mo} < 0.177$ m using a log (base 2) scale for wave heights. This was the case for 7581 waves measured at TSL in the fall-winter-spring season in the years 1988-89, 1990-91, 1991-92, 1992-1993 and 1993-94 (Figure 6). The 6.6% value, in fact, is a maximum denoting the modal wave characteristics; i.e., no other combination of height and period occurs more frequently in this distribution. For comparison, a distribution based on the 1993 winter-spring measurements at the Thimble Shoal Entrance (TSE) station is shown in figure 7. Although the latter is based on a much shorter series (686 wave records), the indication of an 8-9 second modal wave between 0.177 and 0.250 m in height is a reasonable one for this station which is located much closer to the bay entrance than TSL.

While the modal wave will be of interest in certain applications, others may require knowledge of the extreme wave expected at a given site. Figure 6 indicates that the extreme wave at TSL in terms of height should have $T_z = 6-7$ seconds and H_{mo} in excess of 1.4 m but less than 2.0 m. This is the type of wave that would be of primary interest to coastal engineers concerned with the design of structures for shore protection. However, a different wave may have critical importance in terms of the fate of materials placed (or in place) on the lower bay floor, recognizing that longer period waves disturb the bottom to greater depths for a given height. Figure 6 shows that there is a range of expected height extremes for wave periods greater than 10 seconds.

Figure 2. Wave Characteristics at Thimble Shoal Light, October 19 through November 30, 1993.

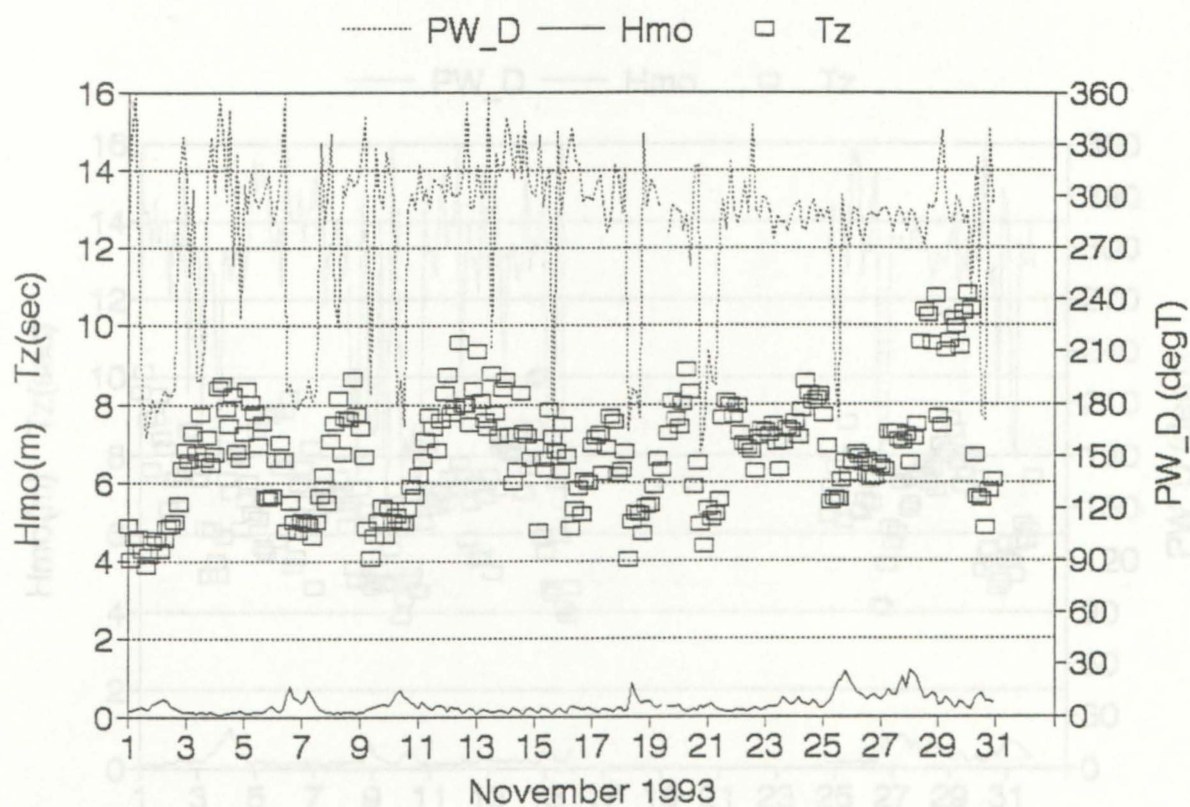
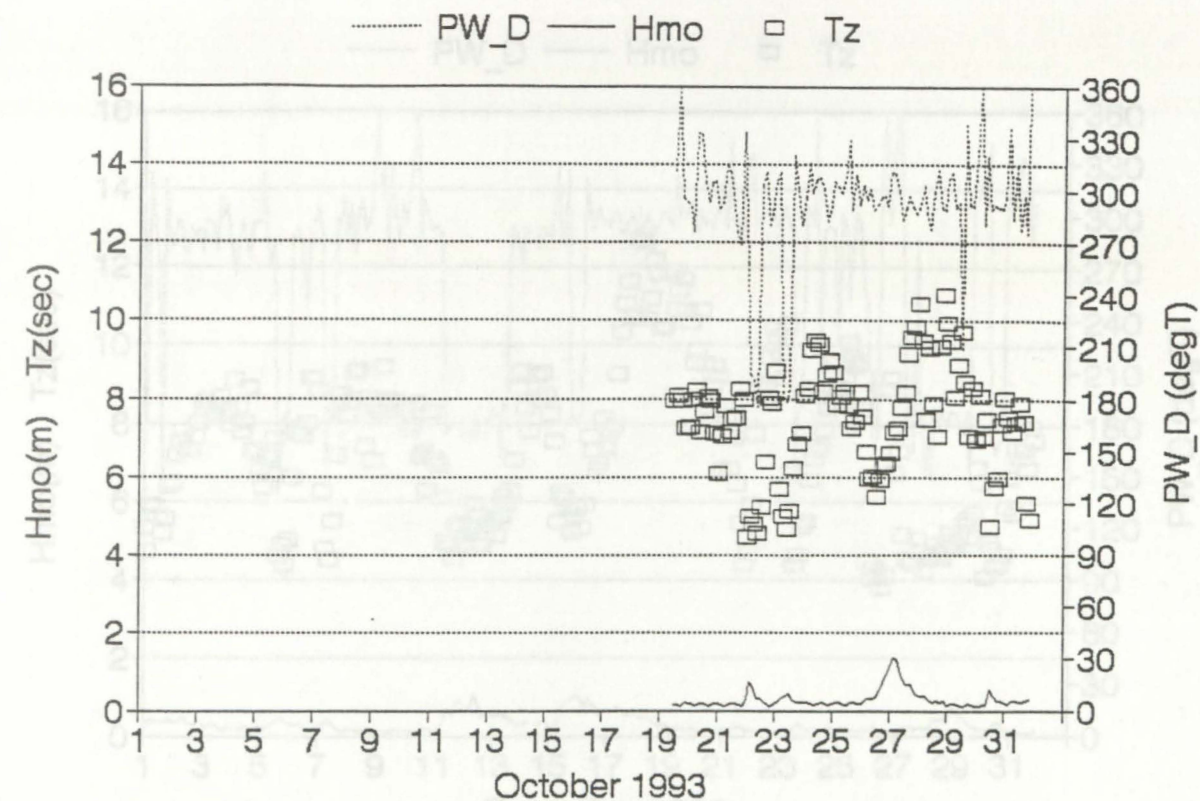


Figure 2. Wave Characteristics at Thimble Shoal Light, October 19 through November 30, 1993.

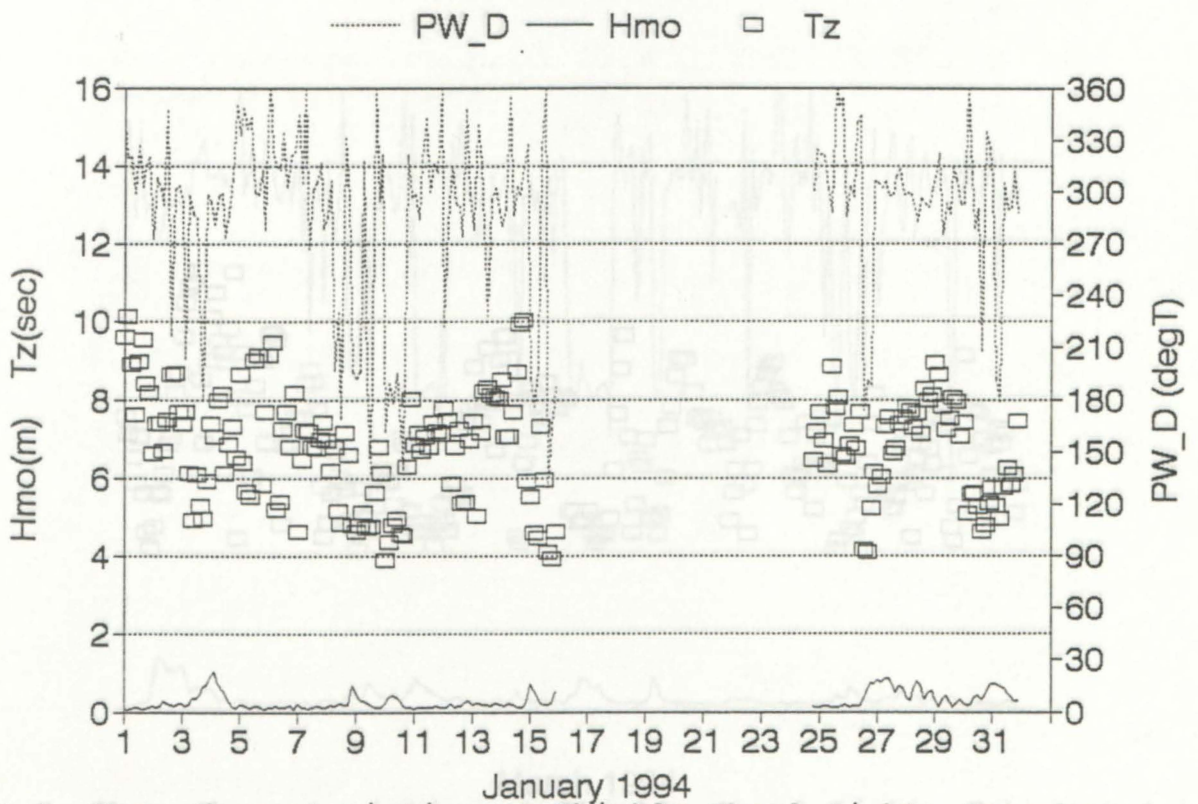
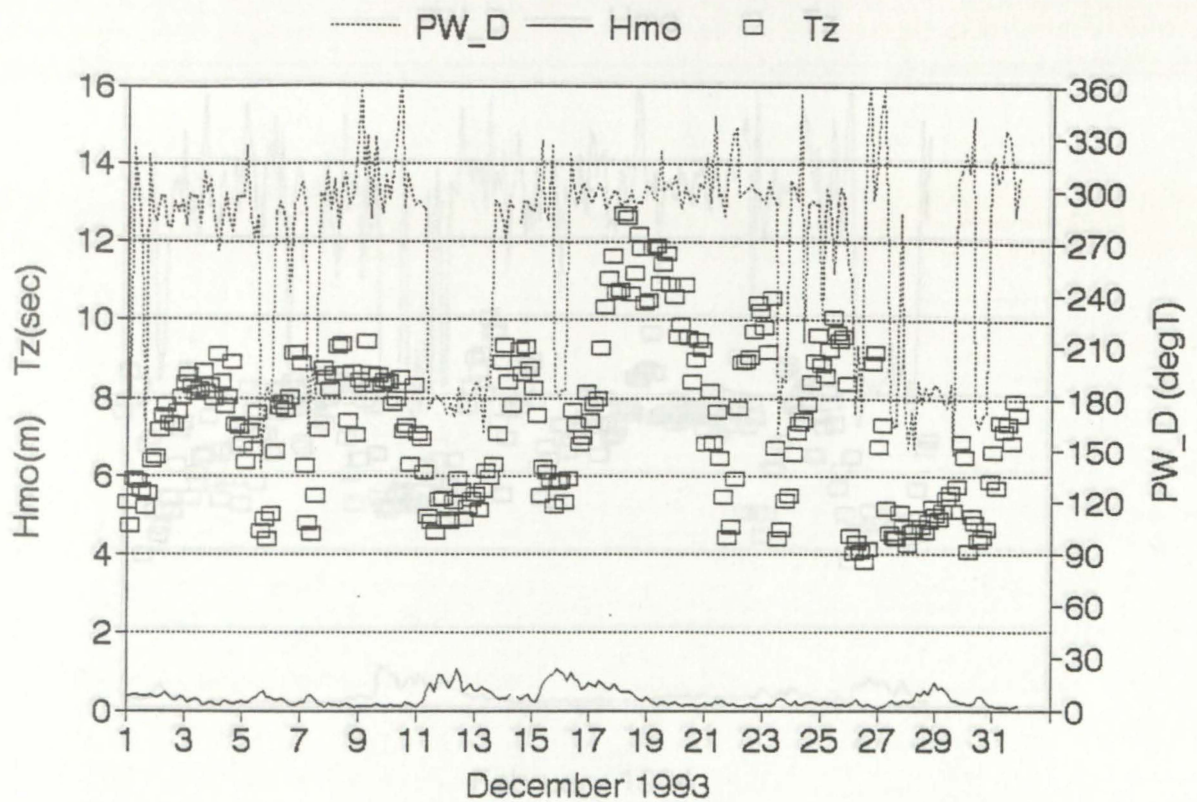


Figure 3. Wave Characteristics at Thimble Shoal Light, December 1, 1993 through January 31, 1994.

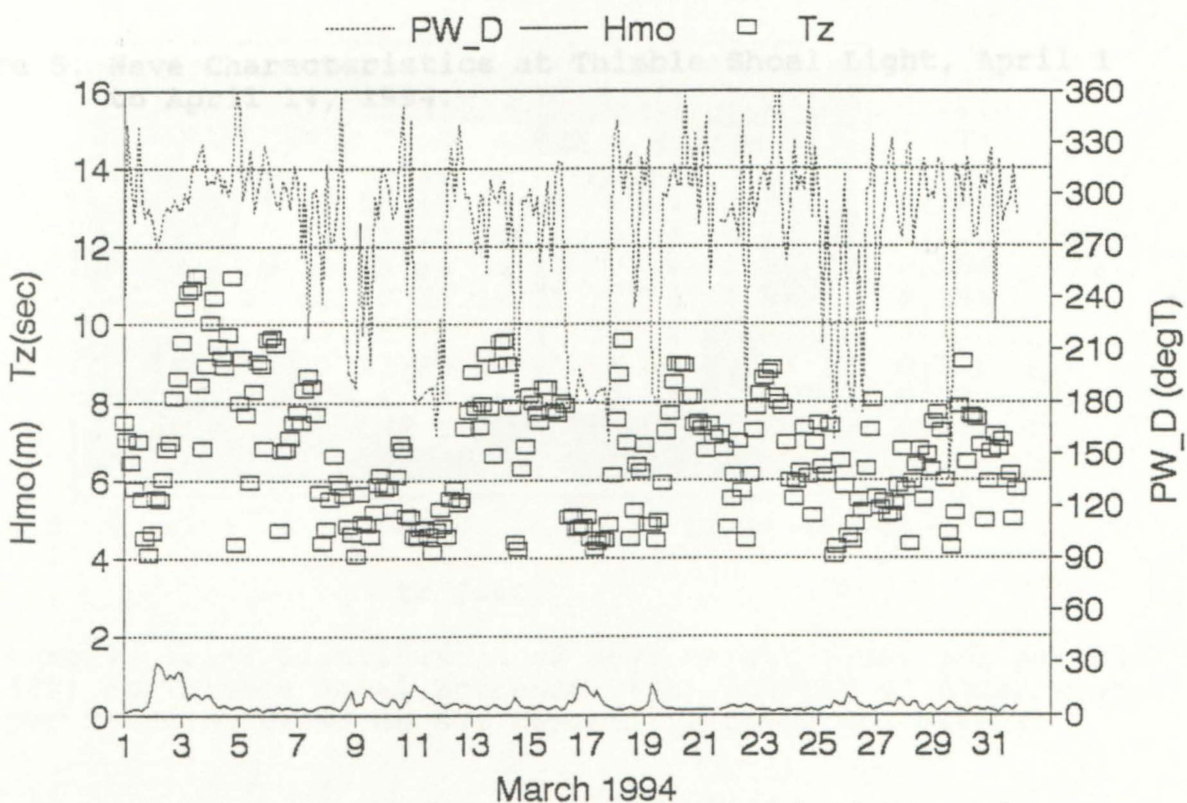
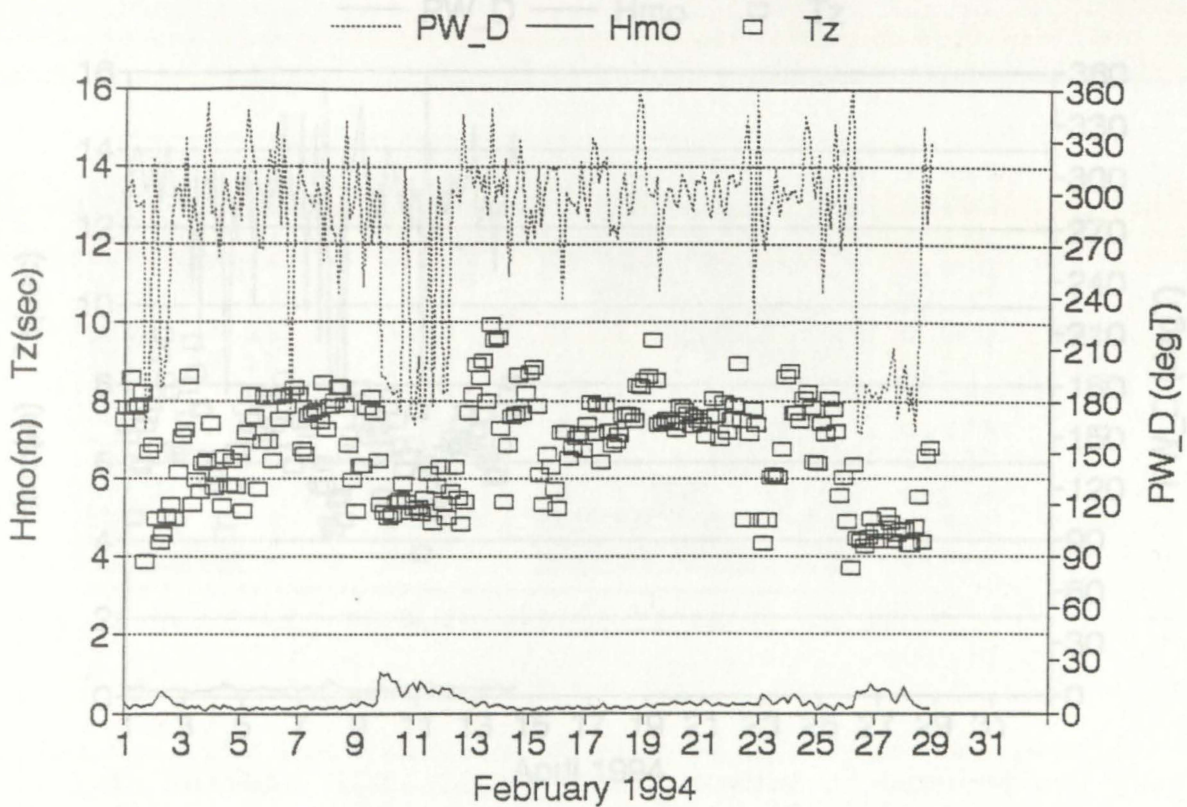


Figure 4. Wave Characteristics at Thimble Shoal Light, February 1 through March 31, 1994.

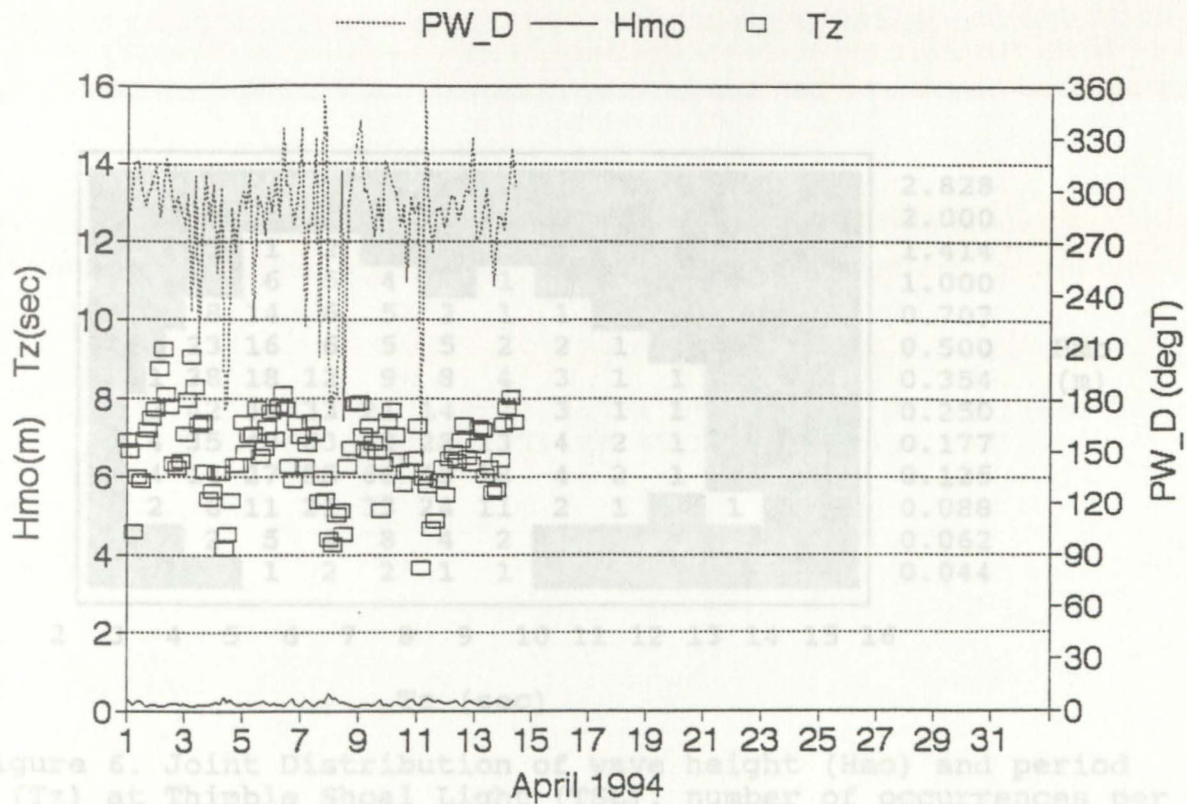


Figure 6. Joint Distribution of wave height (Hmo) and period (Tz) at Thimble Shoal Light (TSL), number of occurrences per thousand based on 7581 wave records (9-27-88 to 4-14-94).

Figure 5. Wave Characteristics at Thimble Shoal Light, April 1 to April 14, 1994.

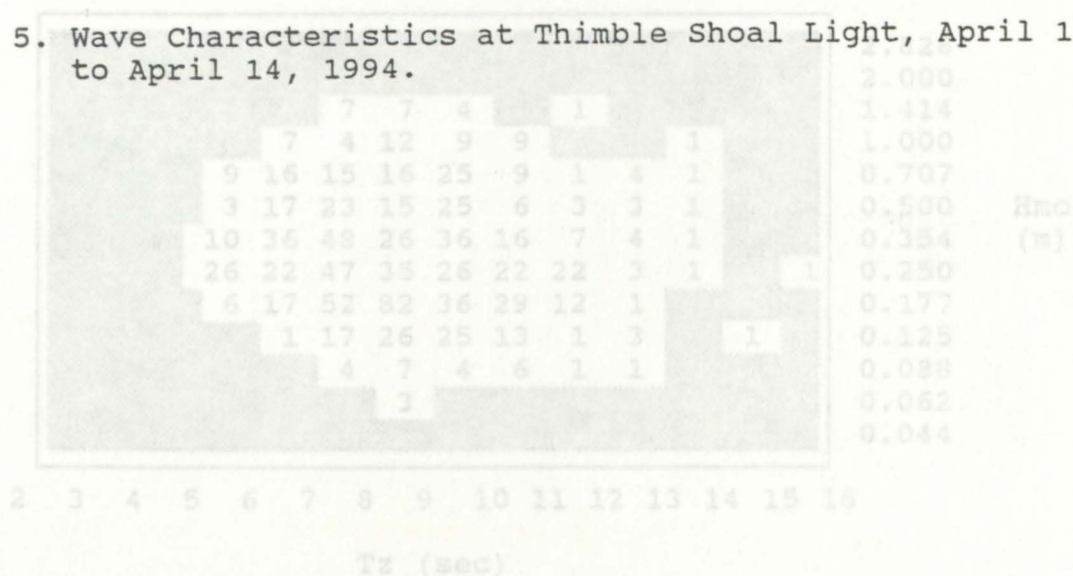


Figure 7. Joint Distribution of wave height (Hmo) and period (Tz) at Thimble Shoal Entrance (TSE), number of occurrences per thousand based on 686 records (1-15-93 to 4-14-93).

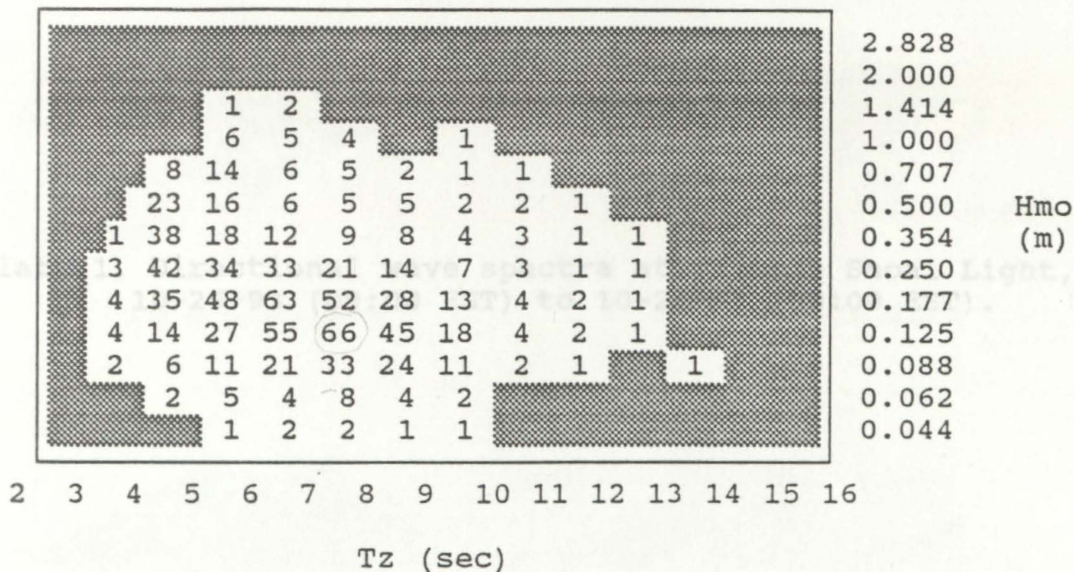


Figure 6. Joint Distribution of wave height (Hmo) and period (Tz) at Thimble Shoal Light (TSL), number of occurrences per thousand based on 7581 wave records (9-27-88 to 4-14-94).

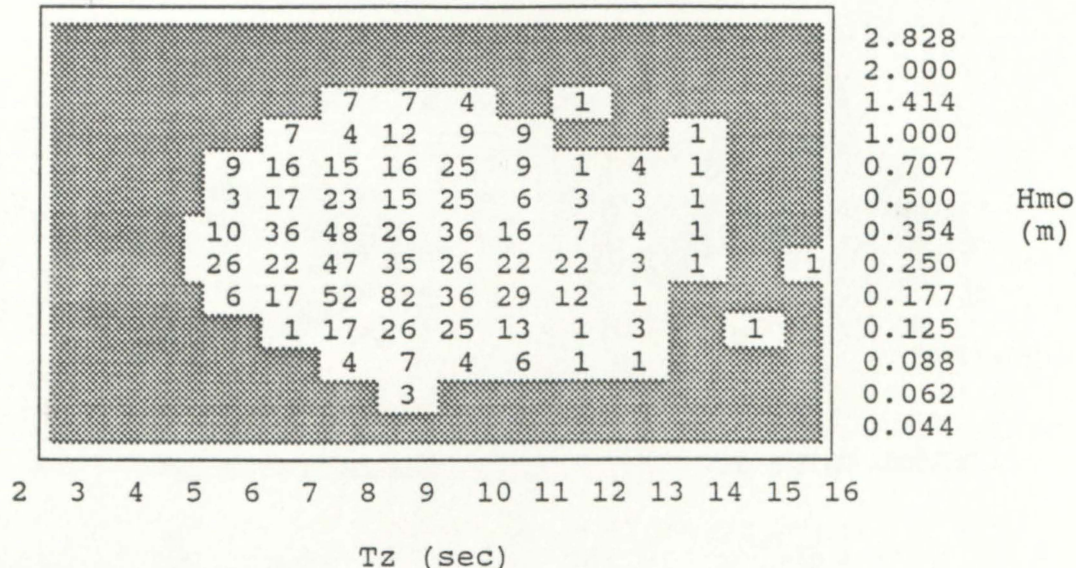


Figure 7. Joint Distribution of wave height (Hmo) and period (Tz) at Thimble Shoal Entrance (TSE), number of occurrences per thousand based on 686 records (1-15-93 to 4-14-93).

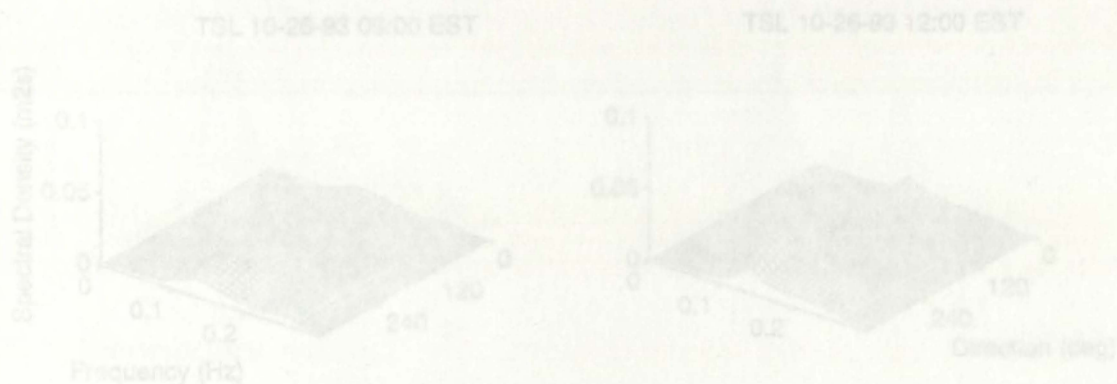
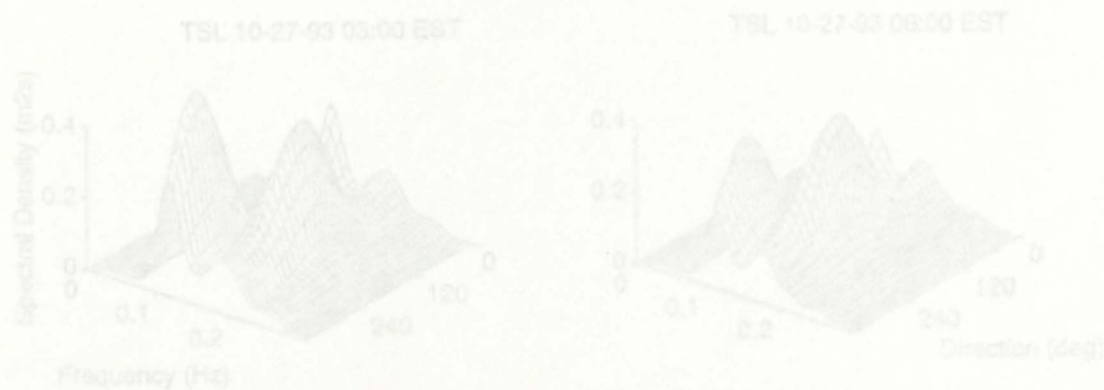
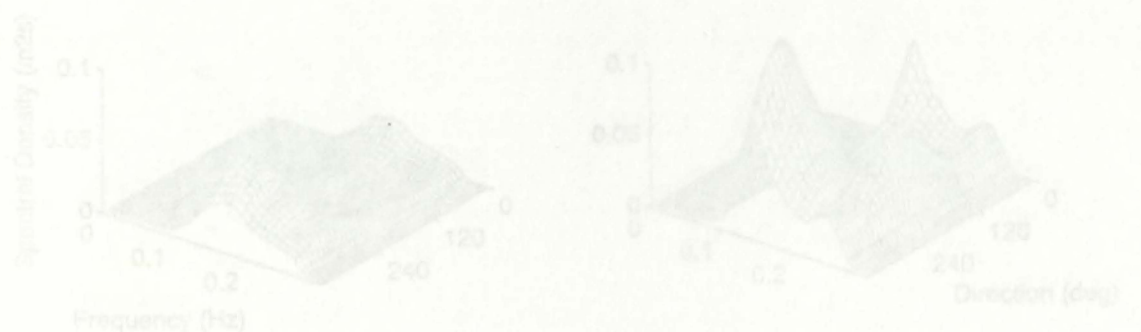
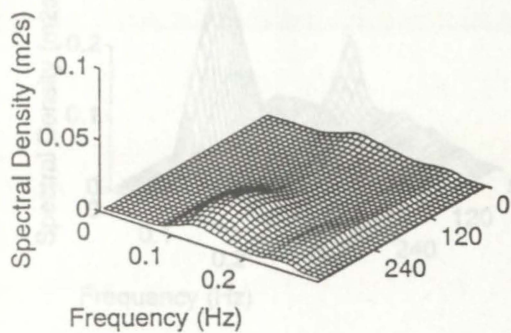


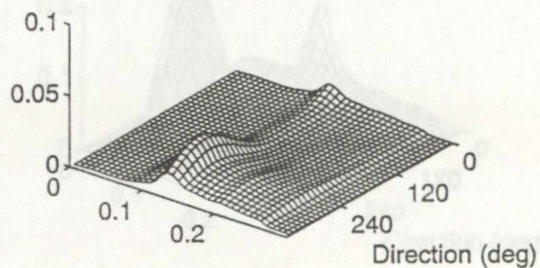
Plate 1. Directional wave spectra at Thimble Shoal Light, 10-26-93 (09:00 EST) to 10-28-93 (00:00 EST).



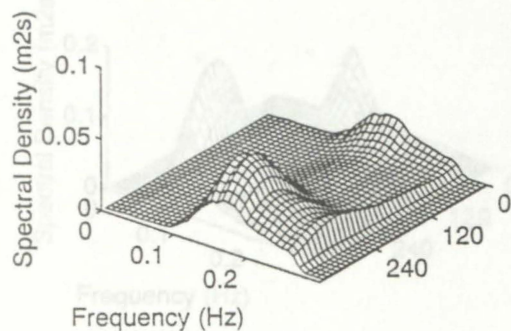
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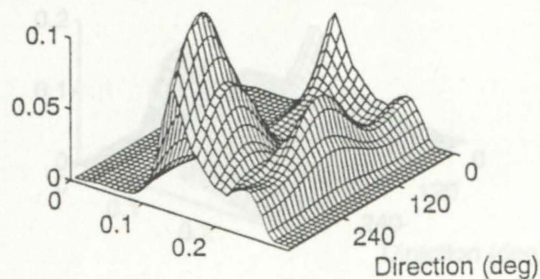
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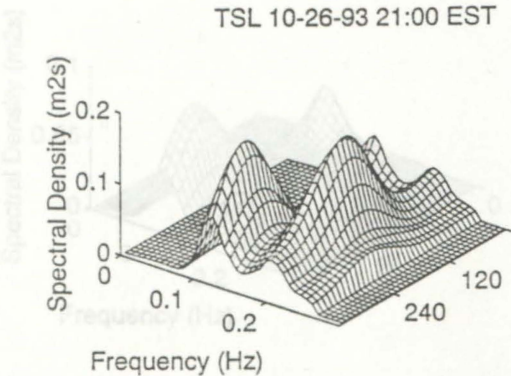
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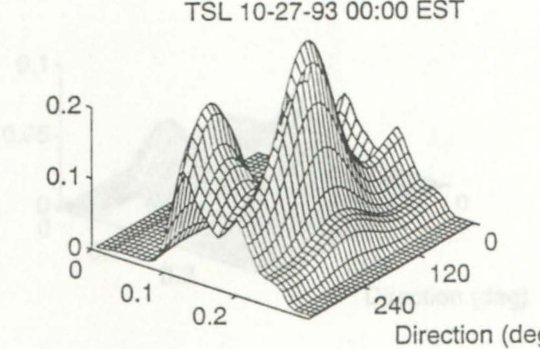
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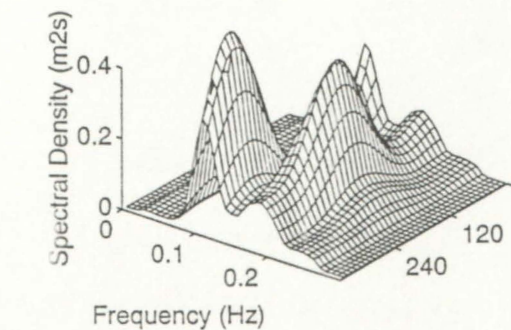
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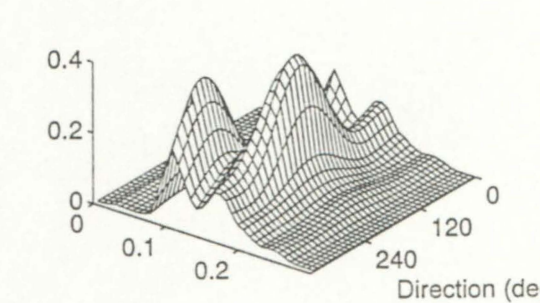
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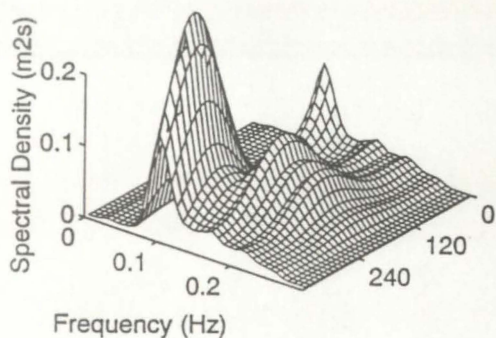
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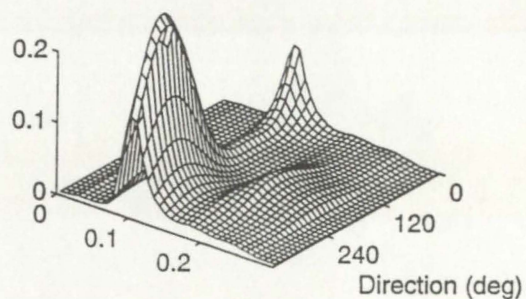
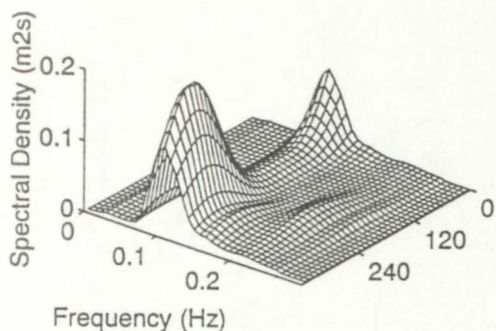
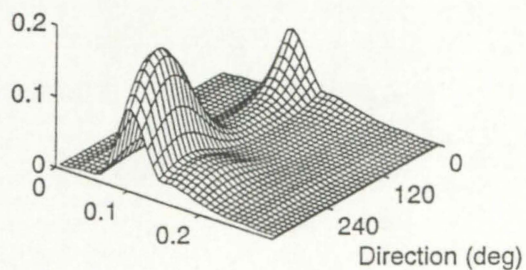


Plate 2. Directional wave spectra at Thimble Shoal Light, (41° 15' N, 66° 15' W) to 11-20-93

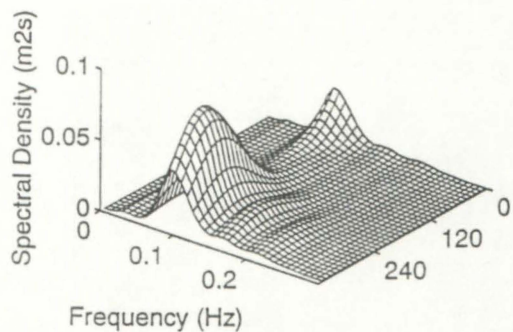
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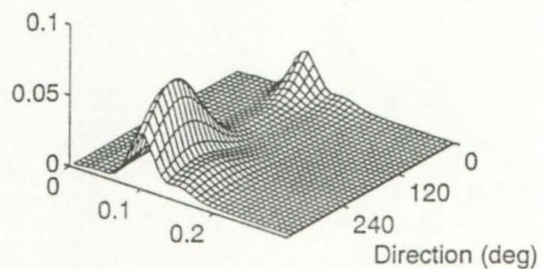
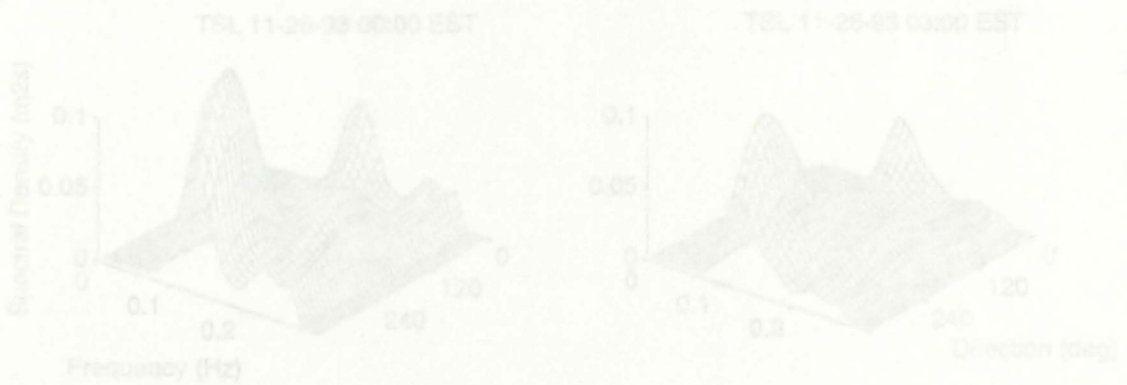
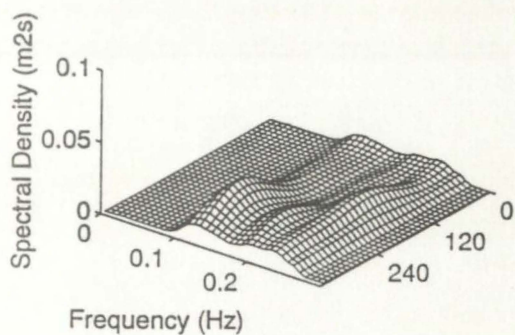




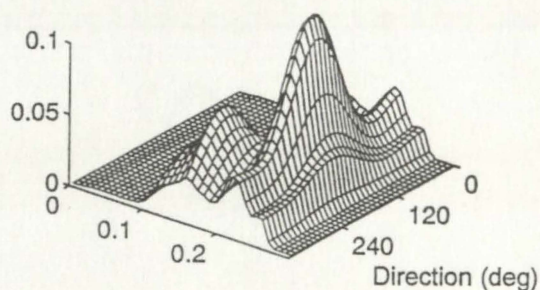
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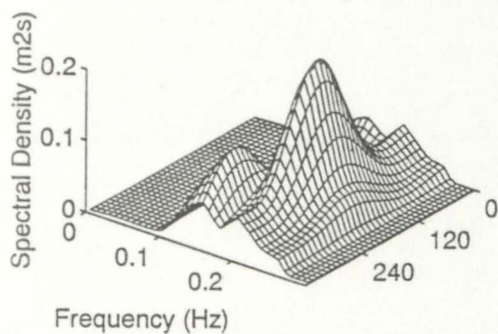
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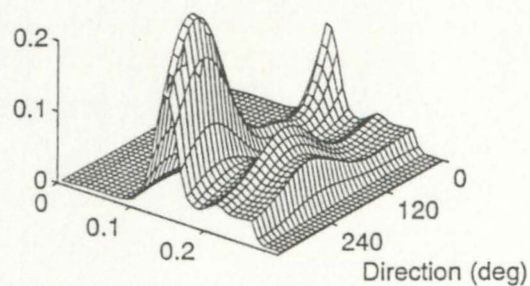
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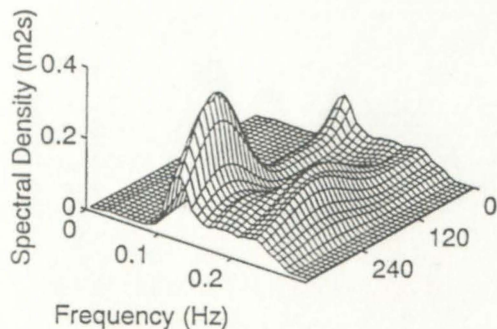
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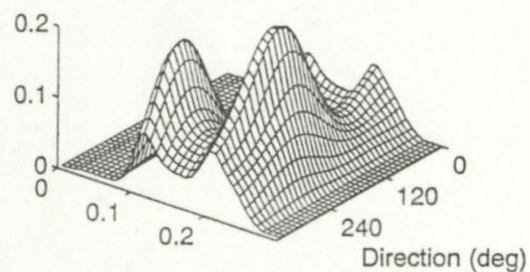
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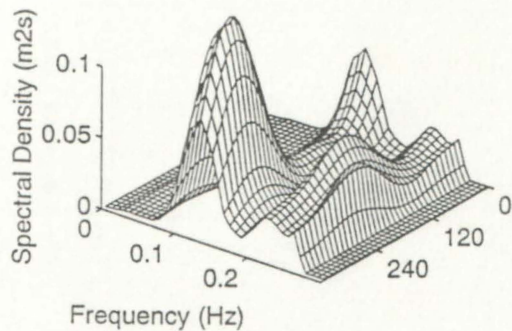
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TSL 11-26-93 03:00 EST

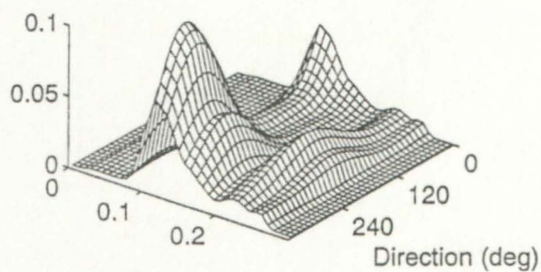
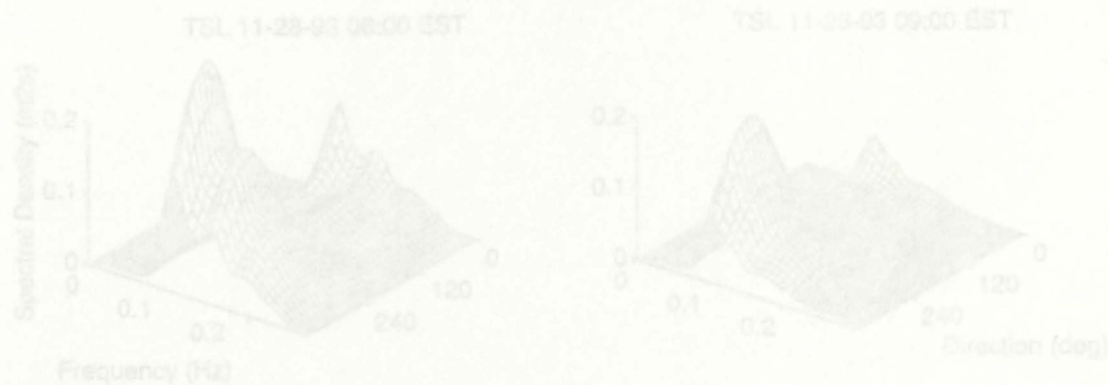
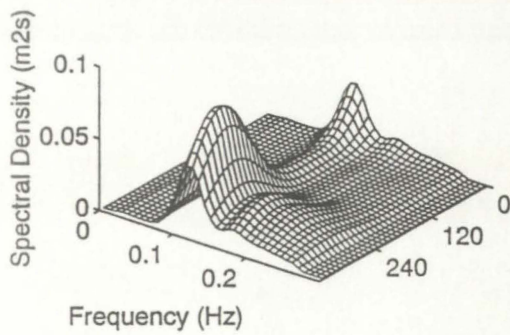




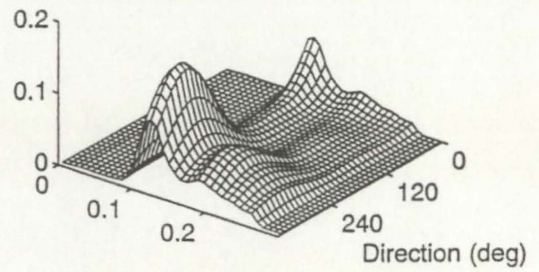
Plate 3. Directional wave spectra at Thimble Shoal Light, 11-27-93 (12:00 EST) to 11-28-93 (09:00 EST).



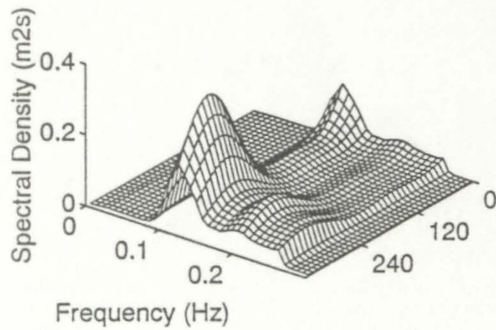
TSL 11-27-93 12:00 EST



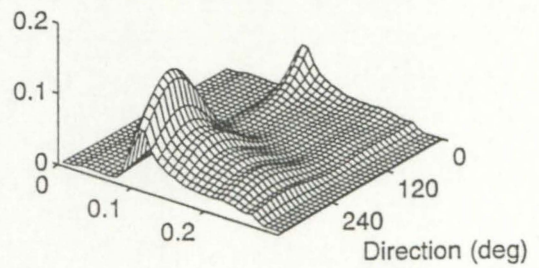
TSL 11-27-93 15:00 EST



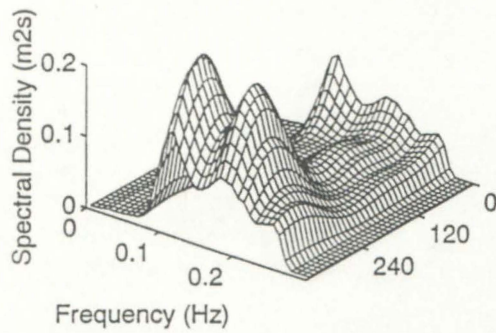
TSL 11-27-93 18:00 EST



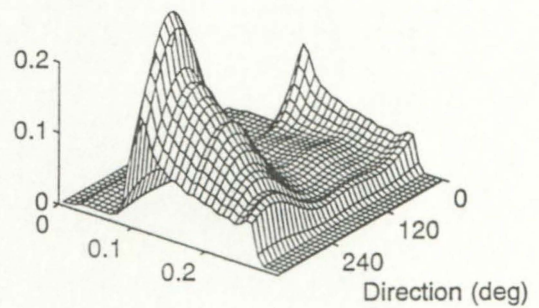
TSL 11-27-93 21:00 EST



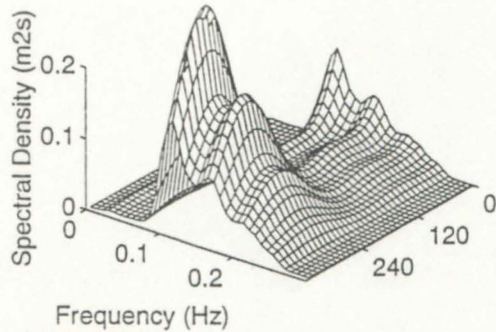
TSL 11-28-93 00:00 EST



TSL 11-28-93 03:00 EST



TSL 11-28-93 06:00 EST



TSL 11-28-93 09:00 EST

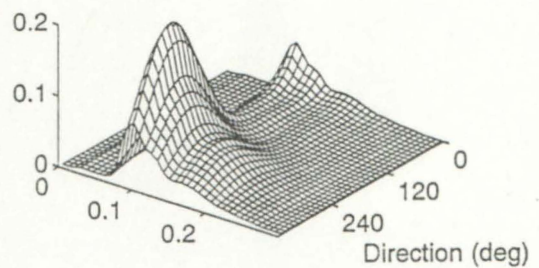
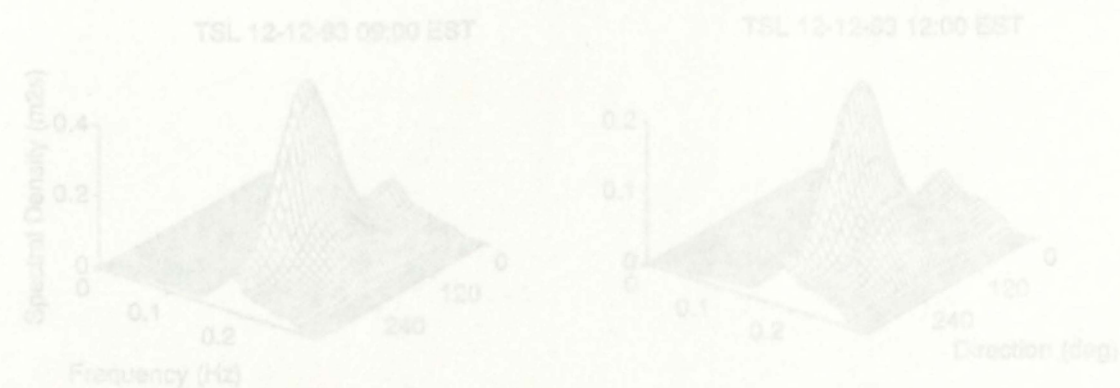
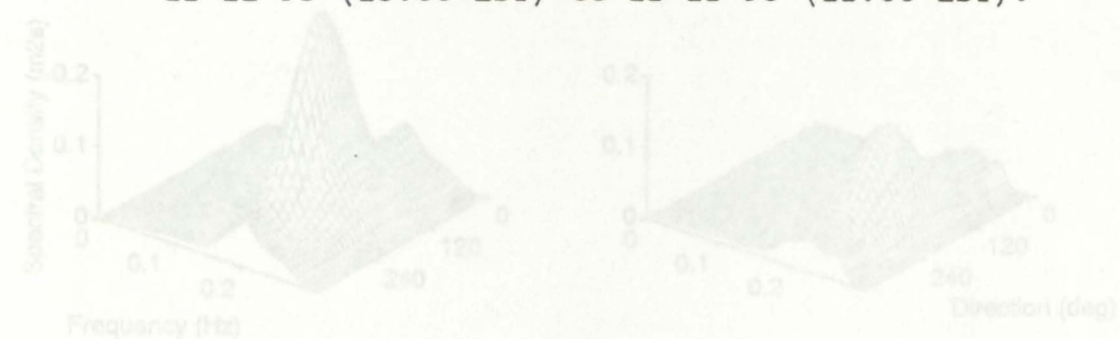
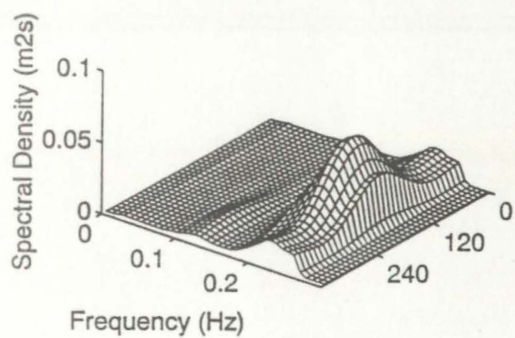




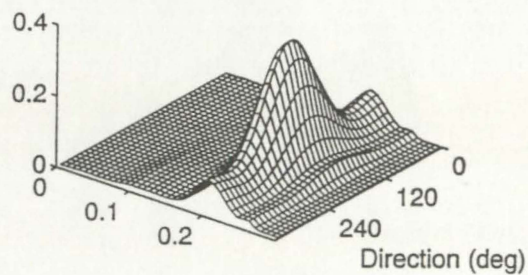
Plate 4. Directional wave spectra at Thimble Shoal Light, 12-11-93 (15:00 EST) to 12-12-93 (12:00 EST).



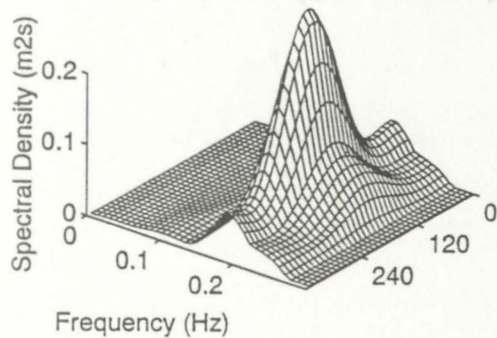
TSL 12-11-93 15:00 EST



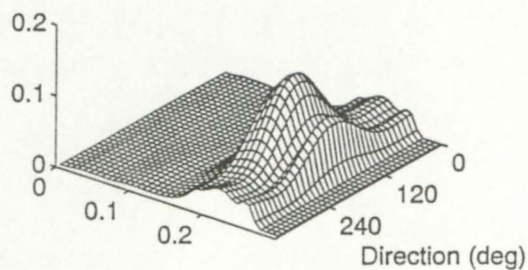
TSL 12-11-93 18:00 EST



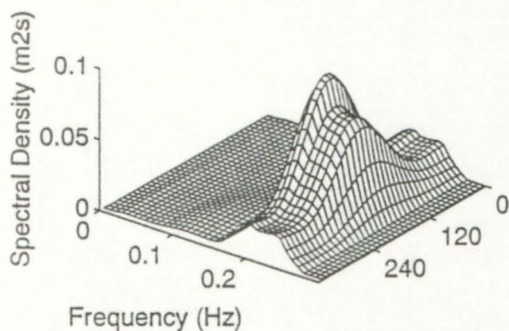
TSL 12-11-93 21:00 EST



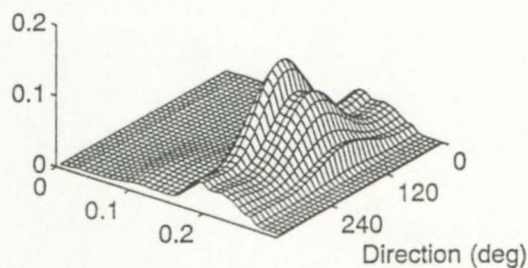
TSL 12-12-93 00:00 EST



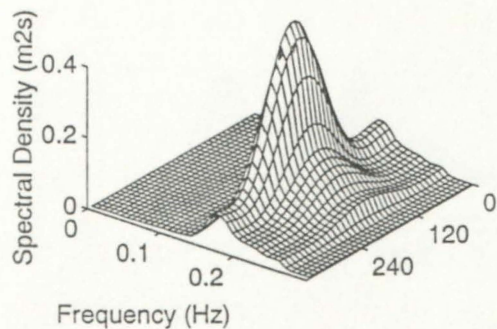
TSL 12-12-93 03:00 EST



TSL 12-12-93 06:00 EST



TSL 12-12-93 09:00 EST



TSL 12-12-93 12:00 EST

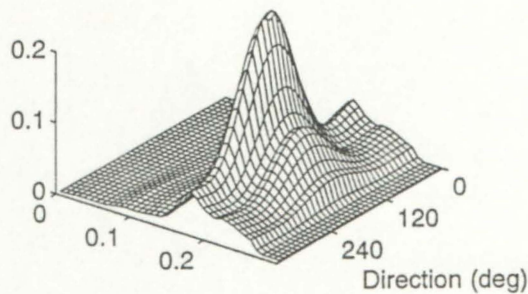
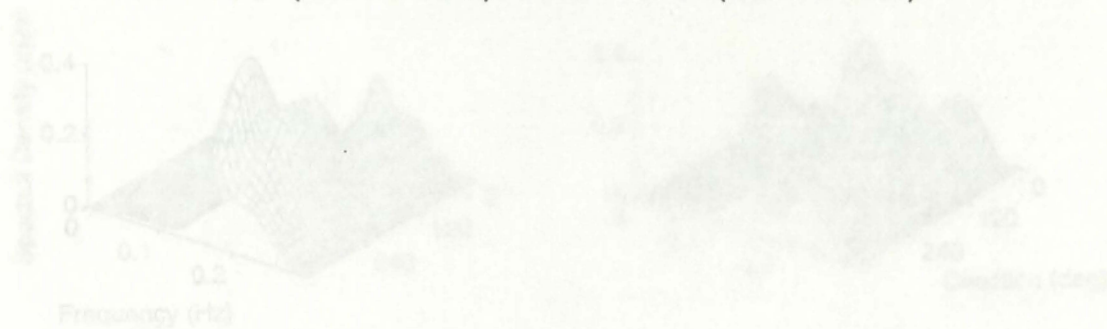
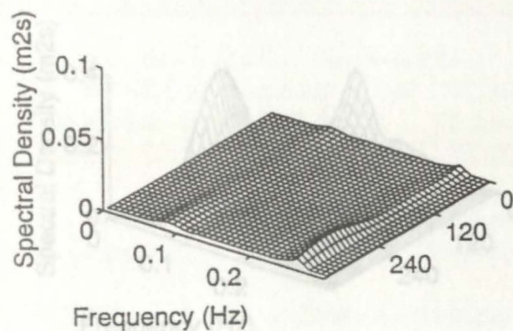




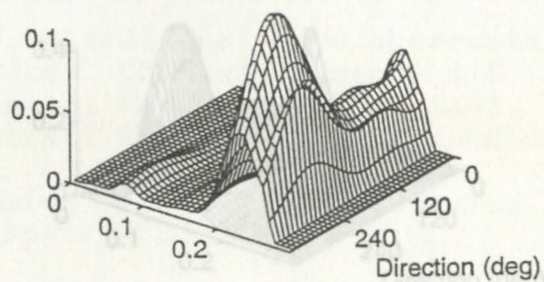
Plate 5. Directional wave spectra at Thimble Shoal Light,
3-1-94 (21:00 EST) to 3-3-94 (06:00 EST).



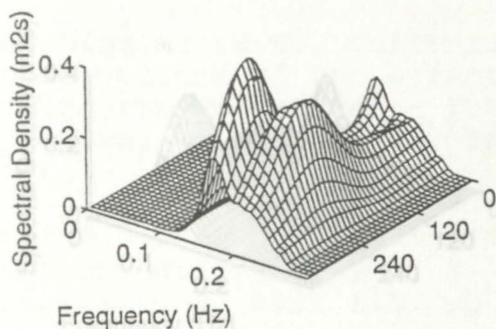
TSL 3-1-94 21:00 EST



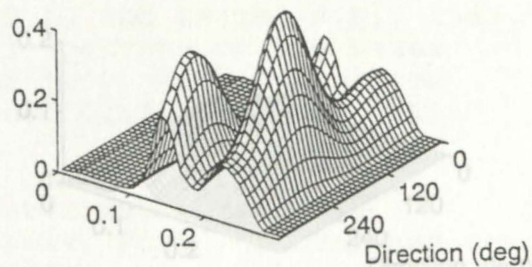
TSL 3-2-94 00:00 EST



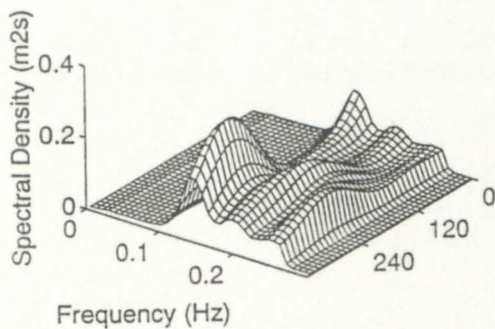
TSL 3-2-94 03:00 EST



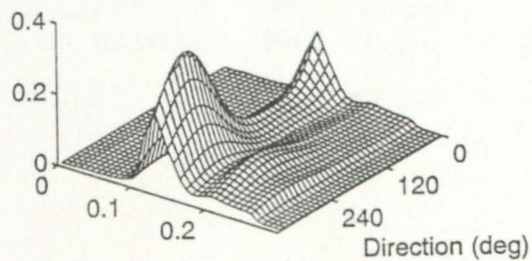
TSL 3-2-94 06:00 EST



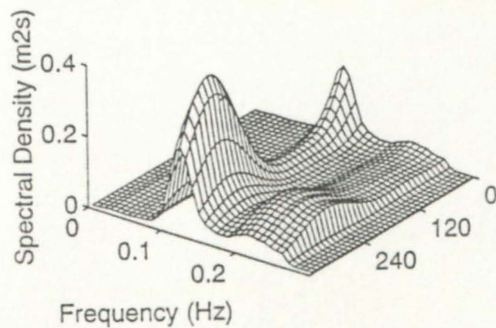
TSL 3-2-94 09:00 EST



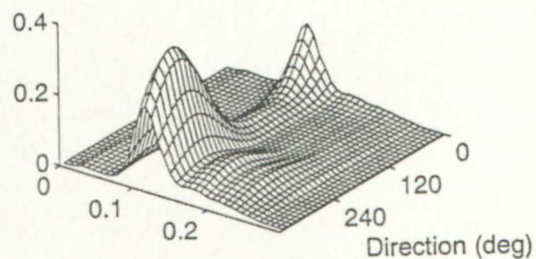
TSL 3-2-94 12:00 EST



TSL 3-2-94 15:00 EST

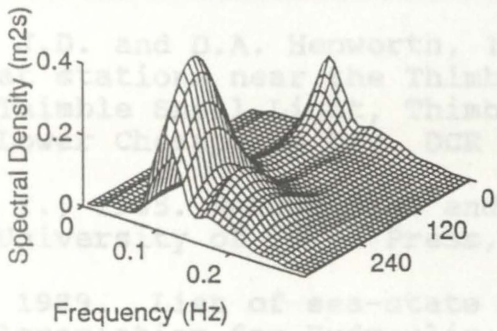


TSL 3-2-94 18:00 EST

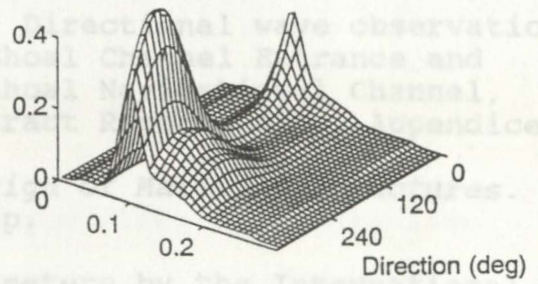


VII. REFERENCES

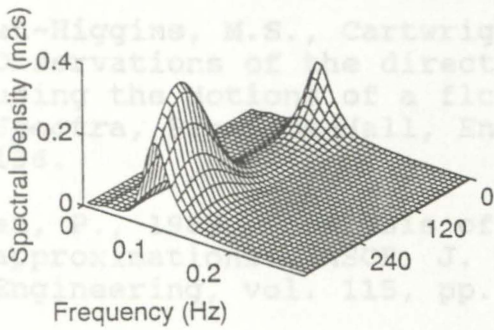
TSL 3-2-94 21:00 EST



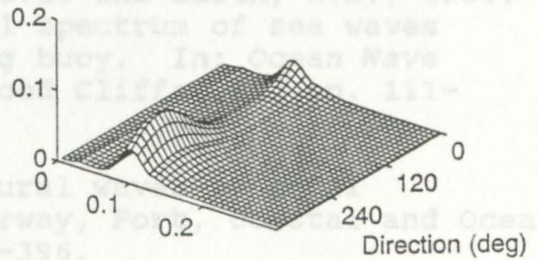
TSL 3-3-94 00:00 EST



TSL 3-3-94 03:00 EST



TSL 3-3-94 06:00 EST



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Date	Time (EST)	Depth (m)	MC_5 (cm/s)	MC_D (degT)	PW_D (degT)	Hmax (m)	T _z (sec)	Tp (sec)	E<20s (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
10/19/93	12:00	8.11	30.64	1.6	310.9	0.16	7.94	9.42	1.03	4.72	53.04	2.45	12.78	3.67
10/19/93	15:00	7.54	24.37	69.7	12.2	0.14	8.03	9.42	1.17	3.20	54.44	1.71	12.10	8.35
10/19/93	18:00	7.93	17.40	137.8	295.2	0.12	7.94	7.66	1.22	6.56	44.78	3.25	7.75	7.09
10/19/93	21:00	7.77	20.86	261.2	253.2	0.21	7.24	8.81	1.61	1.77	34.73	3.33	18.38	5.95
10/20/93	00:00	7.95	26.68	350.7	290.2	0.18	7.29	4.5	1.09	8.75	42.54	2.26	20.78	7.29
10/20/93	03:00	7.51	22.87	75.2	276.1	0.17	7.97	8.87	1.02	9.16	42.98	2.35	15.34	4.83
10/20/93	06:00	7.27	23.35	163.0	332.5	0.11	8.22	10.11	1.56	3.19	51.67	2.37	12.67	3.76
10/20/93	09:00	7.75	18.64	239.0	332.0	0.17	7.14	5.0	1.23	2.32	41.48	1.33	28.64	5.57
10/20/93	12:00	8.09	19.97	343.6	304.4	0.18	7.70	4.2	1.36	2.01	54.73	1.32	16.94	6.32
10/20/93	15:00	7.72	23.00	40.9	293.5	0.16	8.06	8.0	1.37	5.47	64.37	1.33	12.10	6.68
10/20/93	18:00	7.33	26.55	145.1	304.7	0.12	7.94	3.7	1.06	2.83	56.17	1.4	5.59	3.76
10/20/93	21:00	7.60	22.31	200.9	305.4	0.10	7.11	8.5	0.79	2.85	31.5	0.40	0.5	5.23
10/21/93	00:00	7.97	13.91	301.6	283.2	0.18	8.19	3.0	1.83	4.17	90.4	0.40	22	15.23
10/21/93	03:00	7.73	21.13	25.4	282.1	0.19	7.86	8.7	1.34	7.88	30.28	1.39	0.5	5.67
10/21/93	06:00	7.36	23.22	127.6	314.0	0.12	7.82	8.7	1.35	2.14	44.3	0.7	7.70	2.75
10/21/93	09:00	7.60	15.75	298.7	310.7	0.15	7.14	8.7	2.02	2.83	31.7	2.38	28.73	4.35
10/21/93	12:00	8.06	22.57	350.5	297.4	0.19	7.47	2.0	1.22	5.35	43.9	2.38	15.34	10.13
10/21/93	15:00	7.89	35.05	111.3	276.1	0.18	7.53	2.0	1.53	1.97	44.2	1.1	20.29	5.63
10/21/93	18:00	7.40	21.58	82.0	285.5	0.15	8.26	8.1	1.40	2.26	46.2	1.33	18.43	2.81
10/21/93	21:00	7.50	55.21	178.6	314.2	0.13	7.37	8.1	1.23	1.85	12.80	0.1	16.70	8.10
10/22/93	00:00	8.30	30.80	158.9	257.1	0.29	4.46	3.6	1.74	8.98	13.3	0.1	50.82	36.92
10/22/93	03:00	8.06	21.39	173.6	103.6	0.14	5.00	8.6	1.38	0.43	1.56	0.3	77.22	8.49
10/22/93	06:00	7.82	29.51	153.8	190.5	0.80	4.90	4.3	0.95	1.55	2.25	0.6	79.88	12.55
10/22/93	09:00	7.56	26.02	175.2	175.2	0.33	4.57	4.6	1.45	0.97	4.30	0.6	56.63	24.56
10/22/93	12:00	7.91	15.91	277.0	302.7	0.31	8.24	4.81	1.29	0.25	15.40	1.11	50.34	14.19
10/22/93	15:00	7.30	16.53	356.6	310.4	0.20	6.40	10.69	0.68	0.70	13.49	1.07	32.56	9.47
10/22/93	18:00	7.45	21.95	75.0	279.3	0.16	8.93	14.57	2.95	4.26	21.36	16.45	18.46	7.36

Note: Blank fields signify missing data.

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
10/19/93	12:00	8.11	30.54	1.6	310.9	0.16	7.94	9.42	1.03	0.34	4.72	53.01	24.45	12.78	3.67
10/19/93	15:00	7.54	24.37	69.7	12.2	0.14	8.09	9.42	1.17	0.43	9.20	54.44	15.71	12.10	6.95
10/19/93	18:00	7.33	17.40	137.8	295.2	0.12	7.94	7.66	1.22	0.36	6.56	44.76	32.25	7.75	7.09
10/19/93	21:00	7.77	20.86	261.2	293.2	0.21	7.24	8.81	1.61	0.22	1.77	34.73	37.33	18.38	5.96
10/20/93	00:00	7.95	26.68	350.7	290.2	0.18	7.29	8.45	1.09	0.32	5.75	42.54	22.26	20.76	7.29
10/20/93	03:00	7.51	22.87	75.2	276.1	0.17	7.97	9.87	1.02	0.67	9.15	42.95	26.35	15.34	4.53
10/20/93	06:00	7.27	29.35	163.0	332.5	0.11	8.22	10.11	1.65	0.80	3.19	51.87	26.07	12.67	3.76
10/20/93	09:00	7.75	18.64	239.0	332.0	0.17	7.14	5.50	1.23	0.63	2.22	41.48	18.03	29.84	6.57
10/20/93	12:00	8.09	19.87	343.8	304.4	0.18	7.70	9.42	1.38	0.74	2.01	54.79	17.62	16.94	6.52
10/20/93	15:00	7.72	23.00	40.9	293.5	0.16	8.06	9.00	1.07	1.36	5.47	64.37	11.93	12.10	3.68
10/20/93	18:00	7.33	26.65	145.1	304.7	0.12	7.94	10.37	1.06	2.02	3.53	56.17	14.94	18.53	3.76
10/20/93	21:00	7.60	22.31	200.9	305.4	0.18	7.11	7.95	0.79	1.09	2.85	31.57	32.40	26.06	5.23
10/21/93	00:00	7.97	13.91	301.8	289.2	0.19	6.10	9.00	1.83	1.67	4.17	30.46	19.40	27.22	15.25
10/21/93	03:00	7.73	21.13	25.4	292.1	0.16	7.06	9.87	1.34	2.87	7.88	38.29	14.59	29.36	5.67
10/21/93	06:00	7.36	20.22	127.6	314.0	0.12	7.82	9.87	1.36	2.14	9.72	44.35	15.97	23.70	2.75
10/21/93	09:00	7.60	15.75	238.7	310.7	0.16	7.14	8.27	2.02	2.83	7.64	31.74	22.18	28.73	4.85
10/21/93	12:00	8.05	22.67	320.3	297.4	0.19	7.47	9.20	1.22	1.52	5.36	43.98	22.46	15.34	10.13
10/21/93	15:00	7.88	36.95	11.3	276.1	0.18	7.53	9.20	1.58	1.97	6.47	44.25	19.61	20.29	5.83
10/21/93	18:00	7.40	21.98	92.6	268.5	0.15	8.26	8.81	1.40	2.28	8.59	49.23	17.46	18.43	2.61
10/21/93	21:00	7.50	35.21	178.8	333.2	0.13	7.97	8.81	1.23	1.85	12.00	40.17	19.94	16.70	8.10
10/22/93	00:00	8.00	30.80	199.9	257.1	0.29	4.46	3.96	1.74	1.25	6.78	13.39	9.01	30.92	36.92
10/22/93	03:00	8.05	21.99	173.8	193.8	0.74	5.00	4.96	1.38	0.43	1.58	2.41	8.49	77.22	8.49
10/22/93	06:00	7.62	29.51	153.8	190.5	0.60	4.80	5.43	0.95	0.36	1.55	2.35	5.56	76.88	12.35
10/22/93	09:00	7.56	28.02	175.2	175.2	0.33	4.57	4.16	1.43	0.97	4.30	6.08	5.96	56.69	24.56
10/22/93	12:00	7.91	15.91	277.0	302.7	0.31	5.24	4.91	1.73	0.95	7.98	13.40	11.41	50.34	14.19
10/22/93	15:00	7.90	18.53	355.8	310.4	0.20	6.40	12.60	1.51	2.70	13.69	16.18	17.87	39.58	8.47
10/22/93	18:00	7.45	21.95	75.0	279.5	0.16	8.03	14.37	2.04	4.28	28.02	21.38	18.45	18.46	7.36

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
10/22/93	21:00	7.21	15.82	149.4	285.6	0.12	7.88	13.43	1.81	2.69	25.84	23.22	19.73	19.00	7.71
10/23/93	00:00	7.60	20.67	223.9	305.5	0.18	8.71	11.87	1.00	0.81	21.38	40.40	18.40	15.68	2.34
10/23/93	03:00	7.81	7.19	317.8	310.6	0.25	5.69	13.88	1.41	1.51	21.04	15.72	14.12	17.31	28.90
10/23/93	06:00	7.56	12.02	113.1	181.2	0.34	5.01	4.53	1.97	1.44	12.61	10.45	4.40	49.11	20.02
10/23/93	09:00	7.42	22.66	163.2	177.8	0.38	4.65	4.33	1.72	0.51	9.08	8.90	3.69	55.26	20.84
10/23/93	12:00	7.74	14.46	232.7	186.9	0.44	5.12	5.15	1.20	0.67	6.32	8.61	4.81	65.90	12.48
10/23/93	15:00	7.94	21.90	334.0	320.2	0.27	6.21	13.00	1.56	1.11	16.84	13.62	12.21	43.28	11.38
10/23/93	18:00	7.70	22.32	35.2	299.6	0.23	6.85	11.54	1.77	1.42	21.56	19.65	14.87	23.38	17.35
10/23/93	21:00	7.30	19.93	111.9	279.6	0.20	7.11	13.88	1.65	1.99	23.84	22.04	19.10	12.55	18.83
10/24/93	00:00	7.55	3.73	295.6	296.2	0.20	8.09	12.23	1.19	1.39	24.79	33.79	19.30	11.94	7.60
10/24/93	03:00	7.86	24.90	337.6	315.2	0.20	8.26	13.00	1.86	2.56	27.42	30.62	17.73	15.68	4.13
10/24/93	06:00	7.65	21.06	31.2	298.3	0.18	9.23	12.60	1.45	3.83	38.73	24.67	13.07	14.40	3.85
10/24/93	09:00	7.32	18.25	129.6	305.7	0.15	9.48	11.54	1.47	6.86	29.81	36.48	9.96	12.12	3.30
10/24/93	12:00	7.46	13.53	189.4	307.2	0.17	9.39	11.87	1.28	5.49	31.52	32.51	13.12	12.02	4.06
10/24/93	15:00	7.84	13.02	321.1	300.6	0.21	8.19	12.60	1.51	3.40	27.82	32.31	13.41	13.91	7.63
10/24/93	18:00	7.75	24.17	10.4	282.1	0.19	8.61	13.43	1.86	10.67	24.53	29.80	9.63	18.32	5.19
10/24/93	21:00	7.32	15.68	106.2	287.1	0.16	8.98	14.37	1.26	8.56	34.10	20.66	16.06	17.06	2.30
10/25/93	00:00	7.40	16.83	179.4	305.3	0.18	8.68	13.88	0.86	1.37	29.73	30.61	20.49	15.42	1.51
10/25/93	03:00	7.83	15.69	290.1	302.2	0.21	7.85	13.43	1.35	1.22	28.05	22.41	17.37	26.24	3.36
10/25/93	06:00	7.77	15.85	2.0	298.3	0.21	8.06	13.00	1.20	1.23	27.42	26.33	15.44	24.66	3.73
10/25/93	09:00	7.34	21.32	124.6	307.0	0.14	8.19	13.00	2.96	3.29	27.09	26.20	18.06	18.22	4.18
10/25/93	12:00	7.29	29.89	176.3	329.3	0.14	7.82	14.37	0.82	0.44	23.22	29.88	21.62	20.81	3.20
10/25/93	15:00	7.71	13.51	250.1	288.4	0.20	7.24	12.60	2.20	0.42	14.06	24.62	21.23	34.07	3.39
10/25/93	18:00	7.78	15.80	352.9	308.5	0.22	7.42	8.45	1.12	0.37	16.56	31.06	20.07	26.02	4.80
10/25/93	21:00	7.34	18.56	98.0	291.7	0.17	8.19	13.43	1.23	0.91	26.74	28.74	21.71	17.87	2.80
10/26/93	00:00	7.30	19.11	167.1	302.9	0.17	7.56	8.27	0.75	0.32	11.18	32.59	30.11	22.52	2.54
10/26/93	03:00	7.77	19.45	279.4	294.8	0.28	6.67	7.66	0.89	0.21	2.72	27.26	37.70	21.49	9.73

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
10/26/93	06:00	7.93	28.29	357.5	300.4	0.30	5.97	8.11	1.42	0.39	2.63	30.08	22.35	27.96	15.17
10/26/93	09:00	7.54	20.19	52.6	288.3	0.30	6.01	8.81	1.13	0.39	3.17	32.55	23.40	21.13	18.23
10/26/93	12:00	7.37	13.46	140.5	291.5	0.34	5.48	8.45	1.02	0.25	1.49	26.60	22.01	26.32	22.31
10/26/93	15:00	7.80	13.96	303.7	296.1	0.52	5.94	7.25	1.07	0.28	0.59	13.81	39.97	31.13	13.14
10/26/93	18:00	8.18	35.49	351.9	297.0	0.74	6.34	8.62	1.09	0.31	0.79	25.10	26.28	40.62	5.82
10/26/93	21:00	7.92	26.43	26.3	291.1	0.91	6.36	9.87	0.98	0.17	0.73	31.91	13.94	47.96	4.31
10/27/93	00:00	7.86	19.88	35.7	310.5	1.12	6.61	5.35	0.86	0.17	0.82	30.17	16.62	47.89	3.47
10/27/93	03:00	8.28	7.50	333.9	309.3	1.38	7.14	10.92	1.18	0.28	2.87	37.50	24.94	30.66	2.57
10/27/93	06:00	8.62	24.07	350.2	299.1	1.32	7.26	6.35	1.34	0.28	5.53	28.85	43.15	18.56	2.29
10/27/93	09:00	8.21	26.77	29.6	282.9	0.90	7.79	12.23	1.42	0.76	18.69	29.16	19.38	27.37	3.23
10/27/93	12:00	7.76	22.21	80.3	290.5	0.71	8.19	11.54	1.80	0.61	17.05	40.35	11.12	24.29	4.79
10/27/93	15:00	7.97	11.23	24.0	296.9	0.67	9.14	11.87	2.11	0.73	23.68	46.63	11.45	13.11	2.29
10/27/93	18:00	8.35	14.37	10.3	290.3	0.68	9.57	10.92	2.66	2.65	26.18	43.62	13.68	9.93	1.29
10/27/93	21:00	8.03	14.03	22.0	286.6	0.44	9.85	14.89	3.42	6.05	32.40	37.91	11.93	7.49	0.79
10/28/93	00:00	7.55	12.23	147.9	292.7	0.38	10.45	12.60	2.03	2.28	43.65	38.02	11.15	2.24	0.63
10/28/93	03:00	7.98	11.59	219.4	302.9	0.38	9.48	12.23	1.52	0.55	27.59	49.54	8.93	5.02	6.85
10/28/93	06:00	8.37	7.87	261.8	287.3	0.39	7.50	10.92	2.60	0.40	11.43	42.94	8.37	25.50	8.76
10/28/93	09:00	8.09	12.00	93.2	277.6	0.28	9.31	12.60	1.56	0.83	35.46	37.82	9.91	10.98	3.43
10/28/93	12:00	7.69	18.93	144.9	299.0	0.21	7.88	11.87	1.89	0.57	24.30	42.25	5.48	4.97	20.53
10/28/93	15:00	7.81	25.47	196.6	311.7	0.24	7.04	11.22	1.14	0.46	12.22	46.73	7.01	16.91	15.54
10/28/93	18:00	8.19	9.66	288.5	290.4	0.23	9.35	10.64	1.77	0.78	16.49	54.00	12.82	10.93	3.20
10/28/93	21:00	7.94	12.80	45.2	288.3	0.24	10.67	12.60	1.22	1.69	49.98	34.28	7.59	4.56	0.67
10/29/93	00:00	7.45	19.80	129.3	306.5	0.13	9.94	10.64	0.93	1.66	27.38	51.12	12.44	5.58	0.90
10/29/93	03:00	7.60	24.60	190.6	310.0	0.17	9.48	10.64	1.43	0.30	19.52	55.87	16.85	5.28	0.75
10/29/93	06:00	8.09	23.94	301.3	290.2	0.18	8.06	13.00	1.69	0.46	16.18	38.01	22.59	16.83	4.24
10/29/93	09:00	7.95	26.06	19.2	293.4	0.16	8.87	13.43	1.67	0.71	29.06	38.63	13.72	9.80	6.40
10/29/93	12:00	7.40	22.68	111.7	208.8	0.13	9.71	11.54	0.97	4.76	26.66	40.34	9.96	14.27	3.04

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
10/29/93	15:00	7.37	28.99	179.8	337.7	0.10	8.46	9.42	2.66	1.35	17.46	44.52	12.15	15.84	6.01
10/29/93	18:00	7.85	17.78	260.6	292.0	0.18	7.06	12.23	1.41	1.01	15.87	35.12	10.31	25.31	10.96
10/29/93	21:00	7.77	2.42	258.3	290.6	0.15	8.29	13.43	1.53	5.13	25.80	32.57	7.51	16.16	11.29
10/30/93	00:00	7.27	18.60	158.1	317.7	0.10	6.97	13.43	1.75	2.68	30.27	22.49	7.18	17.64	17.99
10/30/93	03:00	7.34	33.02	179.0	0.4	0.10	8.09	11.87	1.69	1.38	20.24	38.16	6.71	21.34	10.48
10/30/93	06:00	7.95	15.99	276.1	280.3	0.16	7.01	13.43	1.36	0.83	22.89	27.33	6.73	30.92	9.95
10/30/93	09:00	8.00	29.34	356.0	319.6	0.14	7.47	13.00	1.84	1.43	29.92	28.23	5.84	19.37	13.36
10/30/93	12:00	7.54	20.83	39.0	289.5	0.54	4.72	4.63	1.46	0.79	4.96	4.55	1.75	77.23	9.25
10/30/93	15:00	7.36	4.28	130.6	292.0	0.38	5.74	6.07	0.69	0.16	3.23	4.97	27.22	58.47	5.27
10/30/93	18:00	7.75	11.25	277.9	290.0	0.25	5.97	5.35	1.40	0.38	4.18	8.53	16.55	62.17	6.78
10/30/93	21:00	7.93	10.04	348.2	289.2	0.24	7.34	7.95	1.79	0.39	8.12	34.92	23.65	27.16	3.97
10/31/93	00:00	7.49	19.93	132.5	296.5	0.20	8.03	10.11	1.65	1.17	13.29	39.22	21.67	18.68	4.31
10/31/93	03:00	7.40	24.81	178.4	335.4	0.15	7.53	11.22	1.36	0.55	6.52	47.66	20.27	13.02	10.63
10/31/93	06:00	7.97	17.76	266.0	283.5	0.26	7.16	9.87	1.26	0.27	3.49	37.67	22.17	30.89	4.26
10/31/93	09:00	8.20	32.84	354.8	314.0	0.26	7.39	9.42	1.02	0.29	4.40	45.69	20.57	22.60	5.43
10/31/93	12:00	7.76	25.30	37.8	277.8	0.22	7.88	10.11	1.24	0.25	4.62	53.58	21.92	12.47	5.91
10/31/93	15:00	7.44	11.67	146.2	296.8	0.20	7.42	8.27	1.30	0.65	2.90	44.48	29.09	16.73	4.85
10/31/93	18:00	7.80	4.76	218.8	273.9	0.26	5.33	7.80	1.86	0.40	2.74	27.28	19.96	15.24	32.52
10/31/93	21:00	7.89	8.30	58.3	65.9	0.28	4.88	4.29	2.89	0.70	1.76	21.63	7.67	36.34	29.02
11/01/93	00:00	7.57	22.30	128.1	276.1	0.19	4.89	3.52	6.44	0.74	3.30	22.51	10.22	14.34	42.46
11/01/93	03:00	7.25	31.62	167.0	333.2	0.16	4.02	3.58	9.18	0.57	1.52	8.74	3.17	17.85	58.97
11/01/93	06:00	7.63	20.47	225.4	4.0	0.17	4.57	8.62	3.49	0.76	2.77	23.46	8.63	15.88	45.00
11/01/93	09:00	8.02	16.79	285.1	265.9	0.20	4.61	4.16	4.97	1.01	2.95	18.37	5.05	33.93	33.72
11/01/93	12:00	7.70	21.87	147.9	184.4	0.26	4.28	4.33	7.29	1.25	1.92	6.86	3.04	49.13	30.52
11/01/93	15:00	7.33	41.92	164.8	161.2	0.19	3.88	4.08	2.11	0.45	0.85	2.56	2.96	42.54	48.53
11/01/93	18:00	7.56	27.75	199.6	169.4	0.18	4.13	3.96	2.93	0.62	1.61	6.12	3.34	28.21	57.18
11/01/93	21:00	7.92	9.09	237.2	182.9	0.31	4.45	4.38	3.27	0.61	1.53	5.21	4.17	62.96	22.25

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
11/02/93	00:00	7.60	19.02	137.5	176.2	0.34	4.55	5.03	2.00	0.50	0.98	3.27	3.25	69.94	20.07
11/02/93	03:00	7.27	32.41	160.3	179.8	0.40	4.28	4.79	2.13	0.48	0.78	1.51	2.04	71.65	21.41
11/02/93	06:00	7.57	15.26	214.1	187.8	0.44	4.53	4.63	1.89	0.36	0.87	2.40	3.30	76.51	14.67
11/02/93	09:00	8.03	24.24	326.2	185.8	0.42	4.85	4.96	1.91	0.53	1.05	2.97	4.80	80.71	8.03
11/02/93	12:00	7.80	23.39	25.3	184.8	0.27	4.91	5.50	1.40	0.38	1.77	6.56	9.53	67.77	12.59
11/02/93	15:00	7.26	20.09	99.6	188.8	0.20	5.00	4.68	1.16	0.49	1.50	12.32	14.96	53.81	15.77
11/02/93	18:00	7.41	2.97	203.5	310.4	0.17	5.46	4.16	1.46	0.69	1.62	14.11	25.64	36.52	19.95
11/02/93	21:00	7.82	22.40	327.1	334.3	0.12	6.36	7.12	2.01	0.71	2.66	16.89	31.17	32.48	14.08
11/03/93	00:00	7.68	26.83	22.7	308.8	0.10	6.83	7.25	2.33	1.18	4.77	22.22	33.14	27.75	8.61
11/03/93	03:00	7.22	18.47	92.6	253.6	0.12	6.56	5.43	1.64	0.96	2.77	20.50	27.04	37.84	9.25
11/03/93	06:00	7.41	6.29	222.8	303.8	0.11	7.24	6.35	1.40	1.21	3.67	25.43	38.98	24.51	4.80
11/03/93	09:00	7.97	36.51	332.9	194.0	0.08	6.74	9.00	2.64	1.17	4.92	26.69	21.88	32.88	9.81
11/03/93	12:00	7.83	31.89	16.9	194.0	0.11	7.76	12.23	1.95	1.18	16.37	42.29	12.79	11.42	14.00
11/03/93	15:00	7.37	23.14	78.3	212.7	0.13	6.59	9.00	1.99	2.21	4.33	28.69	26.42	22.33	14.04
11/03/93	18:00	7.32	18.03	159.7	310.8	0.09	7.16	9.87	3.00	2.83	5.92	35.98	24.27	9.53	18.48
11/03/93	21:00	7.75	14.16	292.8	333.8	0.10	6.44	7.52	3.58	1.88	9.08	24.80	21.97	14.97	23.72
11/04/93	00:00	7.76	12.82	23.5	302.1	0.09	6.71	15.46	4.50	7.78	12.36	24.81	9.00	10.76	30.79
11/04/93	03:00	7.42	19.84	131.2	357.0	0.05	8.43	15.46	4.01	7.83	18.09	41.93	7.33	8.49	12.31
11/04/93	06:00	7.42	29.49	180.6	336.5	0.05	8.50	14.37	2.38	2.45	26.25	30.37	9.44	13.95	15.15
11/04/93	09:00	7.94	23.51	276.7	296.7	0.09	7.88	13.43	2.19	2.41	25.62	26.05	14.26	20.91	8.57
11/04/93	12:00	8.02	27.96	0.0	348.8	0.08	7.45	14.37	4.68	1.70	23.50	24.42	9.40	27.43	8.86
11/04/93	15:00	7.58	23.66	44.8	260.4	0.12	8.26	13.88	3.53	1.52	29.50	20.99	9.46	26.86	8.14
11/04/93	18:00	7.39	13.68	174.3	324.0	0.13	6.80	13.43	1.91	0.87	31.74	17.98	5.56	19.55	22.40
11/04/93	21:00	7.70	11.13	303.1	230.0	0.14	6.59	13.00	2.14	0.87	28.00	18.52	7.55	20.00	22.92
11/05/93	00:00	7.87	14.46	335.8	306.3	0.10	7.26	13.00	1.69	1.04	40.18	15.19	5.91	19.39	16.60
11/05/93	03:00	7.48	6.61	61.8	290.5	0.09	8.39	13.43	2.75	2.25	35.21	25.99	9.19	19.68	4.93
11/05/93	06:00	7.30	16.58	166.6	313.2	0.08	8.06	12.60	1.60	1.55	33.96	24.80	8.65	17.85	11.59

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	T _p (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
11/05/93	09:00	7.72	11.46	262.3	297.9	0.13	7.79	11.87	1.88	0.95	20.76	34.43	11.20	17.56	13.22
11/05/93	12:00	7.95	17.31	324.1	293.0	0.11	6.97	11.87	3.97	1.03	14.50	27.18	13.83	18.48	21.02
11/05/93	15:00	7.59	22.99	48.9	298.7	0.12	7.53	12.60	2.24	1.56	25.85	28.64	11.12	18.68	11.92
11/05/93	18:00	7.27	21.78	152.5	306.4	0.16	5.64	4.79	1.68	0.63	4.80	8.79	17.43	58.91	7.75
11/05/93	21:00	7.46	17.95	202.3	311.9	0.21	5.60	5.89	0.84	0.33	1.49	7.68	18.49	63.13	8.03
11/06/93	00:00	7.80	10.68	257.9	283.4	0.29	5.66	4.96	0.87	0.27	1.20	9.22	25.06	56.94	6.42
11/06/93	03:00	7.61	9.16	144.3	294.0	0.18	6.59	4.53	1.03	0.47	2.88	21.35	36.14	32.60	5.53
11/06/93	06:00	7.28	20.15	163.8	315.1	0.13	7.01	8.45	1.10	0.31	2.22	34.42	32.55	26.79	2.61
11/06/93	09:00	7.56	14.40	197.9	20.8	0.20	6.59	5.57	0.83	0.20	0.83	19.92	36.32	38.24	3.68
11/06/93	12:00	8.11	15.34	249.9	187.7	0.50	4.77	4.38	1.53	0.32	0.71	7.09	11.85	67.75	10.75
11/06/93	15:00	7.93	11.71	56.4	191.5	0.77	5.51	6.07	0.45	0.17	0.36	3.07	26.54	63.62	5.78
11/06/93	18:00	7.53	20.12	123.0	179.7	0.49	5.01	5.15	1.35	0.23	0.66	6.53	12.28	67.72	11.22
11/06/93	21:00	7.54	17.19	173.5	177.1	0.46	4.72	4.91	1.41	0.26	0.79	6.00	11.33	67.38	12.83
11/07/93	00:00	8.01	19.82	305.6	182.6	0.34	5.04	4.33	1.91	0.39	1.12	9.47	17.68	54.56	14.86
11/07/93	03:00	7.96	12.31	34.1	184.1	0.44	4.97	4.96	1.48	0.41	1.38	6.26	5.96	74.72	9.78
11/07/93	06:00	7.52	27.57	130.5	193.9	0.68	4.93	5.43	0.86	0.19	0.62	1.42	7.00	79.45	10.46
11/07/93	09:00	7.57	21.99	181.4	181.6	0.50	4.60	4.79	1.17	0.28	0.83	1.98	3.65	78.44	13.65
11/07/93	12:00	8.00	16.50	295.0	187.9	0.33	4.98	5.09	1.45	0.42	1.40	7.73	9.14	67.23	12.64
11/07/93	15:00	8.03	21.10	0.4	330.4	0.17	5.66	4.91	1.78	0.57	3.62	14.30	18.71	52.56	8.45
11/07/93	18:00	7.60	18.77	82.7	284.1	0.15	6.19	4.68	1.88	1.54	8.84	21.70	15.46	38.19	12.39
11/07/93	21:00	7.48	14.47	144.5	297.3	0.11	5.48	10.11	1.73	1.07	5.84	26.79	12.16	17.74	34.66
11/08/93	00:00	7.89	15.55	261.3	335.9	0.12	7.06	8.81	5.06	1.35	4.30	32.15	29.08	16.14	11.92
11/08/93	03:00	8.03	23.69	349.5	237.2	0.09	7.53	8.62	1.31	0.84	8.19	35.44	29.33	19.35	5.55
11/08/93	06:00	7.62	24.11	73.8	224.5	0.10	8.16	10.11	1.52	1.78	11.25	48.10	20.90	12.81	3.63
11/08/93	09:00	7.40	27.08	153.4	305.5	0.07	6.71	7.66	2.02	1.02	4.86	32.46	24.21	20.75	14.68
11/08/93	12:00	7.80	17.95	252.7	300.7	0.11	7.64	9.00	1.64	0.71	5.72	42.72	29.43	16.54	3.22
11/08/93	15:00	8.05	13.12	330.8	312.8	0.11	7.61	9.20	1.99	1.20	5.92	36.20	27.07	22.84	4.79

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
11/08/93	18:00	7.73	17.75	60.3	305.5	0.12	8.64	9.42	0.95	1.35	6.64	57.97	21.42	9.95	1.72
11/08/93	21:00	7.40	26.86	145.9	308.4	0.08	7.76	8.81	4.10	1.49	4.46	33.13	34.45	19.78	2.59
11/09/93	00:00	7.73	18.64	229.3	320.8	0.13	7.37	6.66	1.01	0.60	3.12	32.23	42.03	18.89	2.13
11/09/93	03:00	8.11	24.57	330.6	345.3	0.11	6.67	6.07	1.90	1.47	5.89	27.09	32.06	22.84	8.75
11/09/93	06:00	7.86	21.07	38.4	286.7	0.19	4.82	3.81	2.98	1.71	4.84	19.35	13.13	19.86	38.12
11/09/93	09:00	7.43	25.92	132.3	186.1	0.20	4.08	3.88	2.17	0.76	3.96	9.77	5.44	29.04	48.85
11/09/93	12:00	7.63	22.12	197.7	327.4	0.24	4.63	3.85	1.89	1.09	2.16	13.40	14.62	38.36	28.49
11/09/93	15:00	8.07	18.62	312.6	300.2	0.27	5.02	5.09	1.79	0.57	1.28	8.15	10.02	63.78	14.41
11/09/93	18:00	7.95	20.89	20.8	293.2	0.30	5.40	5.98	3.19	0.58	1.51	5.72	24.26	50.82	13.93
11/09/93	21:00	7.46	22.21	115.2	325.4	0.33	4.64	3.81	1.21	0.32	1.17	6.62	26.66	31.61	32.43
11/10/93	00:00	7.57	20.56	193.5	313.0	0.28	5.33	6.25	0.92	0.24	0.60	4.78	33.69	41.85	17.92
11/10/93	03:00	8.17	21.91	310.9	298.4	0.42	5.04	5.98	1.41	0.35	1.05	4.26	25.49	58.11	9.31
11/10/93	06:00	8.15	24.77	15.7	179.9	0.58	5.15	5.22	0.94	0.28	0.73	3.24	18.81	69.94	6.04
11/10/93	09:00	7.57	25.83	106.3	193.6	0.68	5.00	5.09	0.86	0.25	0.39	3.27	11.96	74.22	9.04
11/10/93	12:00	7.50	25.07	173.2	168.0	0.51	4.97	4.79	1.01	0.22	0.37	4.25	24.15	56.27	13.72
11/10/93	15:00	8.02	16.64	288.3	292.0	0.47	5.32	6.77	1.09	0.20	0.43	6.03	36.52	47.22	8.51
11/10/93	18:00	8.13	21.67	357.3	301.5	0.39	5.89	7.95	1.14	0.20	0.35	12.28	37.15	40.71	8.17
11/10/93	21:00	7.56	23.85	82.9	292.5	0.33	5.67	7.95	0.87	0.30	0.78	21.36	35.84	27.88	12.98
11/11/93	00:00	7.43	22.95	164.2	317.6	0.22	6.19	8.11	1.10	0.17	0.47	23.27	42.23	14.72	18.05
11/11/93	03:00	8.04	23.77	292.7	297.4	0.37	6.56	7.52	0.75	0.11	0.37	14.63	59.36	21.31	3.49
11/11/93	06:00	8.30	37.36	356.6	303.6	0.32	7.09	8.11	0.83	0.19	1.01	33.45	41.34	19.30	3.87
11/11/93	09:00	7.74	25.26	62.1	293.0	0.23	7.73	9.00	1.07	0.29	2.85	59.72	17.59	16.42	2.05
11/11/93	12:00	7.32	29.74	151.5	309.9	0.18	7.37	8.81	0.57	0.12	1.76	47.92	31.06	12.52	6.05
11/11/93	15:00	7.77	18.18	247.8	306.5	0.29	6.83	7.12	2.83	0.24	0.66	24.77	42.87	26.34	2.29
11/11/93	18:00	8.11	27.02	341.2	306.1	0.27	7.59	10.64	1.60	0.36	2.88	48.22	22.75	20.00	4.20
11/11/93	21:00	7.60	20.35	66.4	296.7	0.24	8.29	9.87	0.98	0.40	8.07	60.74	17.51	10.18	2.12
11/12/93	00:00	7.16	33.91	158.0	317.4	0.13	8.75	10.64	0.81	0.24	3.96	70.17	16.65	5.37	2.80

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
11/12/93	03:00	7.71	19.82	257.9	300.3	0.24	7.76	9.64	1.40	0.23	2.91	58.20	20.57	14.44	2.25
11/12/93	06:00	8.20	30.24	335.5	299.7	0.22	7.91	10.64	1.92	0.27	8.21	47.39	21.20	16.53	4.49
11/12/93	09:00	7.83	28.63	46.2	301.3	0.20	9.57	11.22	1.72	0.30	17.65	62.12	9.70	6.45	2.06
11/12/93	12:00	7.16	38.44	145.7	317.3	0.08	7.97	10.11	4.89	0.49	10.90	48.55	11.96	15.87	7.35
11/12/93	15:00	7.39	33.15	193.0	353.9	0.12	8.00	9.00	1.39	0.16	1.18	54.37	27.45	12.47	2.99
11/12/93	18:00	8.00	15.14	318.0	293.2	0.22	7.47	8.27	1.05	0.20	1.22	48.42	29.43	17.00	2.68
11/12/93	21:00	7.76	12.52	77.8	294.2	0.17	8.39	10.64	1.08	0.42	4.68	63.22	16.93	12.18	1.49
11/13/93	00:00	7.13	35.81	147.9	317.5	0.06	9.35	10.64	3.02	0.37	9.82	62.59	10.31	10.54	3.34
11/13/93	03:00	7.40	27.70	202.9	299.0	0.14	8.09	8.27	0.55	0.07	0.98	59.51	28.63	9.47	0.78
11/13/93	06:00	8.18	32.24	316.0	300.4	0.17	7.59	8.11	1.34	0.41	0.73	53.10	27.00	14.08	3.33
11/13/93	09:00	8.10	35.54	12.1	15.4	0.16	7.37	9.64	6.92	0.77	3.15	38.35	20.43	26.41	3.97
11/13/93	12:00	7.30	23.68	102.8	212.3	0.11	8.79	9.00	9.04	2.97	6.38	48.41	20.74	9.50	2.97
11/13/93	15:00	7.25	25.44	176.7	324.6	0.10	7.79	7.80	1.50	0.35	1.95	50.69	27.42	13.18	4.92
11/13/93	18:00	7.96	27.01	294.2	311.8	0.16	7.19	7.95	0.95	0.26	1.61	41.47	28.92	19.35	7.45
11/13/93	21:00	7.94	27.81	10.8	319.3	0.16	8.39	9.42	1.20	0.50	4.16	63.43	14.83	10.81	5.06
11/14/93	00:00	7.22	26.78	104.6	344.9	0.10	8.61	10.64	3.62	0.80	5.48	63.03	11.99	10.21	4.87
11/14/93	03:00	7.18	30.76	179.8	333.8	0.08	7.21	8.27	1.28	0.43	2.12	44.53	27.54	13.67	10.42
11/14/93	06:00	7.97	29.91	289.4	310.1	0.21	5.99	4.79	0.98	0.34	2.53	18.43	21.68	50.50	5.53
11/14/93	09:00	8.18	31.11	359.8	334.7	0.18	6.34	4.74	1.66	0.48	4.99	27.27	16.69	42.26	6.64
11/14/93	12:00	7.44	25.52	82.7	310.1	0.13	8.29	11.22	1.12	1.07	19.73	42.44	10.87	21.09	3.68
11/14/93	15:00	7.09	33.62	166.4	343.3	0.05	7.29	10.11	4.15	1.07	4.24	46.27	10.16	23.55	10.56
11/14/93	18:00	7.71	18.64	263.6	311.5	0.18	7.19	8.81	3.41	1.04	2.52	39.10	23.24	25.85	4.84
11/14/93	21:00	7.91	18.90	345.4	302.3	0.20	6.59	9.00	0.97	0.59	2.63	38.47	11.34	37.24	8.75
11/15/93	00:00	7.33	22.35	91.1	300.0	0.15	6.92	11.22	1.00	0.95	6.38	35.12	12.21	33.58	10.76
11/15/93	03:00	6.97	36.02	166.8	335.2	0.09	4.76	10.64	3.44	1.00	2.20	29.38	7.45	18.25	38.28
11/15/93	06:00	7.61	21.26	258.4	293.7	0.21	6.59	9.42	0.83	0.37	1.27	34.76	22.21	29.90	10.66
11/15/93	09:00	8.05	28.24	340.2	307.0	0.18	6.32	5.65	2.12	0.66	2.93	23.78	23.62	37.81	9.09

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
11/18/93	21:00	7.81	13.67	290.9	293.7	0.38	5.39	6.35	1.67	0.50	1.21	8.95	28.44	42.41	16.83
11/19/93	00:00	8.07	34.02	353.5	309.2	0.37	5.42	6.16	1.03	0.58	1.11	10.93	29.82	44.91	11.61
11/19/93	03:00	7.70	26.70	35.8	305.3	0.26	5.90	6.07	0.93	0.77	1.87	20.30	26.26	39.63	10.24
11/19/93	06:00	7.41	3.82	104.6	294.8	0.20	6.59	7.52	0.80	0.64	2.13	20.01	43.11	26.30	7.02
11/19/93	09:00	7.75	11.51	291.1	294.6	0.29	6.34	7.25	0.74	0.36	1.44	12.33	45.36	34.37	5.39
11/22/93	21:00	7.27	21.42	131.4	299.0	0.14	7.34	8.62	0.68	0.70	4.54	41.95	19.77	29.73	2.60
11/19/93	15:00	7.85	22.89	16.8	279.3	0.24	7.24	7.95	1.08	0.51	2.24	27.18	43.79	21.87	3.32
11/19/93	18:00	7.47	8.77	116.9	294.4	0.26	8.09	9.00	0.80	0.23	1.31	52.82	32.81	10.99	1.03
11/19/93	21:00	7.63	11.20	198.2	292.5	0.26	7.61	7.38	0.73	0.22	1.24	39.88	44.22	12.33	1.37
11/20/93	00:00	7.98	22.53	310.3	290.9	0.29	7.42	7.80	0.75	0.25	1.22	32.46	50.41	12.22	2.68
11/20/93	03:00	7.83	15.19	337.1	280.0	0.19	8.03	10.11	1.48	0.70	3.73	58.54	22.08	8.14	5.32
11/20/93	06:00	7.45	8.13	201.7	289.0	0.13	8.87	10.11	1.37	1.25	4.08	66.47	16.58	4.96	5.29
11/20/93	09:00	7.57	12.84	215.7	259.5	0.13	8.33	9.20	1.20	0.94	4.48	50.80	31.29	7.08	4.21
11/20/93	12:00	8.02	8.93	289.7	317.4	0.18	5.90	9.64	2.05	1.25	4.00	39.26	15.85	8.78	28.80
11/20/93	15:00	7.98	2.38	349.8	317.5	0.16	6.48	10.11	1.91	1.36	6.11	46.60	9.30	10.36	24.37
11/20/93	18:00	7.58	23.91	135.7	152.6	0.25	4.92	4.79	1.68	1.15	2.75	14.88	3.83	55.10	20.61
11/20/93	21:00	7.58	33.69	180.2	164.4	0.20	4.37	4.24	2.40	0.56	1.90	17.86	4.35	37.22	35.71
11/21/93	00:00	8.01	13.84	239.4	209.9	0.28	5.33	8.62	1.76	0.61	2.31	31.04	10.80	30.25	23.23
11/21/93	03:00	8.00	9.59	346.1	193.0	0.31	5.06	5.09	1.42	0.62	2.40	15.41	8.13	57.44	14.57
11/21/93	06:00	7.57	13.45	100.0	191.1	0.22	5.18	5.09	1.22	0.75	2.71	14.28	13.79	47.81	19.44
11/21/93	09:00	7.46	16.97	146.9	282.5	0.14	5.57	9.20	1.11	0.72	3.73	32.99	12.20	25.14	24.11
11/21/93	12:00	7.79	5.55	343.7	297.4	0.15	7.64	9.87	1.15	0.88	6.29	49.47	21.51	12.04	8.68
11/21/93	15:00	7.84	13.35	11.7	280.2	0.13	8.09	9.42	1.57	1.26	8.85	46.27	20.19	15.21	6.64
11/21/93	18:00	7.47	16.24	62.8	320.2	0.13	8.00	11.87	1.91	1.64	20.49	36.79	17.90	12.45	8.82
11/21/93	21:00	7.29	16.64	154.5	291.9	0.11	7.67	11.87	1.20	1.14	18.78	34.13	21.35	11.17	12.21
11/22/93	00:00	7.66	15.62	245.3	284.1	0.19	7.94	9.00	7.94	1.60	7.53	34.29	19.58	24.05	5.02
11/22/93	03:00	7.89	20.10	315.8	289.8	0.15	7.26	9.64	1.77	1.34	9.00	34.75	21.45	25.67	6.02

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
11/22/93	06:00	7.62	13.55	45.2	308.1	0.16	6.99	11.54	1.06	1.51	8.05	38.81	11.70	32.58	6.29
11/22/93	09:00	7.38	21.03	138.3	290.0	0.13	6.90	9.20	1.04	0.76	7.71	37.26	12.28	35.15	5.81
11/22/93	12:00	7.62	18.40	212.8	341.3	0.17	6.80	8.45	0.75	0.51	3.97	33.85	17.50	38.07	5.36
11/22/93	15:00	7.85	13.40	313.6	292.0	0.23	6.30	9.00	1.38	0.56	4.26	28.12	17.77	38.55	9.36
11/22/93	18:00	7.60	14.05	35.1	287.3	0.18	7.16	8.62	0.80	0.57	5.14	42.38	14.80	31.18	5.14
11/22/93	21:00	7.27	21.42	131.4	299.0	0.14	7.34	8.62	0.66	0.70	4.54	41.95	19.77	29.79	2.60
11/23/93	00:00	7.57	14.61	225.1	298.4	0.20	7.31	8.27	0.58	0.18	2.50	42.17	33.78	17.55	3.23
11/23/93	03:00	7.91	24.54	310.9	290.7	0.24	7.21	9.00	0.84	0.29	3.39	40.12	26.87	25.75	2.74
11/23/93	06:00	7.75	18.32	117.9	275.6	0.26	7.50	10.11	1.41	0.22	2.96	41.09	27.77	24.59	1.96
11/23/93	09:00	7.40	17.32	114.5	288.1	0.25	6.99	9.42	0.76	0.17	1.89	38.61	28.91	23.75	5.91
11/23/93	12:00	7.52	13.02	192.6	285.1	0.32	6.32	9.20	0.66	0.17	0.94	28.09	28.08	33.50	8.55
11/23/93	15:00	7.87	15.43	318.4	284.7	0.47	7.01	8.27	0.58	0.14	0.70	35.76	33.18	26.09	3.54
11/23/93	18:00	7.81	21.58	356.7	280.0	0.38	7.39	9.42	0.97	0.17	0.91	45.21	26.12	23.40	3.22
11/23/93	21:00	7.42	13.68	94.1	289.0	0.29	7.31	9.42	0.76	0.17	1.11	52.14	22.82	15.91	7.10
11/24/93	00:00	7.54	2.48	155.5	294.5	0.34	7.56	8.81	0.57	0.11	0.74	55.46	24.88	14.73	3.51
11/24/93	03:00	8.00	23.84	311.9	296.8	0.47	7.16	9.20	0.87	0.09	0.48	45.92	27.27	21.58	3.80
11/24/93	06:00	7.97	28.46	6.8	281.7	0.35	7.85	9.42	1.13	0.16	1.84	53.18	20.71	20.13	2.85
11/24/93	09:00	7.56	11.88	52.5	280.2	0.31	8.57	9.87	1.79	0.25	1.88	65.36	12.82	14.88	3.01
11/24/93	12:00	7.51	19.89	153.4	292.4	0.29	8.29	9.87	0.81	0.16	0.89	67.74	19.39	9.67	1.34
11/24/93	15:00	7.89	10.65	279.2	297.3	0.41	8.06	9.00	0.79	0.09	0.51	60.16	22.58	13.61	2.26
11/24/93	18:00	8.00	15.94	353.6	284.6	0.33	8.16	9.42	1.03	0.17	0.72	62.04	17.12	16.64	2.28
11/24/93	21:00	7.59	10.87	101.0	292.0	0.21	8.26	9.42	0.93	0.22	1.51	60.09	22.42	12.89	1.95
11/25/93	00:00	7.59	13.63	172.0	287.1	0.22	7.73	8.45	0.75	0.07	0.40	56.91	29.52	10.96	1.38
11/25/93	03:00	8.10	12.88	267.1	292.8	0.32	6.92	8.81	0.97	0.14	0.29	35.08	37.66	13.27	12.60
11/25/93	06:00	8.34	23.97	340.3	280.5	0.43	5.48	4.91	1.13	0.26	0.61	21.34	14.87	53.15	8.65
11/25/93	09:00	8.06	19.18	37.2	197.0	0.69	5.58	4.96	0.96	0.29	0.40	13.77	20.59	57.73	6.26
11/25/93	12:00	7.91	19.58	148.4	172.5	0.92	5.55	5.43	0.64	0.15	0.30	10.69	23.50	58.05	6.66



Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
11/25/93	15:00	8.25	14.59	248.6	300.5	0.90	6.06	8.11	0.70	0.17	0.41	24.32	29.33	36.90	8.16
11/25/93	18:00	8.53	26.56	338.7	280.1	1.14	6.52	9.64	1.22	0.30	1.09	36.31	15.14	41.16	4.79
11/25/93	21:00	8.19	20.00	30.6	271.7	0.96	6.19	5.29	1.19	0.25	2.33	23.54	14.84	53.44	4.41
11/26/93	00:00	7.94	11.42	103.1	292.9	0.78	6.50	9.87	1.01	0.27	2.36	37.08	14.59	35.68	9.00
11/26/93	03:00	8.26	13.00	342.0	292.0	0.62	6.74	10.92	1.36	0.34	2.63	41.54	20.84	24.23	9.06
11/26/93	06:00	8.55	27.51	337.4	277.6	0.59	6.67	7.25	1.18	0.38	4.99	30.50	21.98	34.30	6.66
11/26/93	09:00	8.23	8.54	35.6	274.0	0.50	6.46	4.53	1.22	0.42	8.64	26.54	16.25	40.51	6.41
11/26/93	12:00	7.79	22.48	131.4	288.8	0.41	6.54	10.64	1.45	0.33	5.43	34.58	15.50	33.45	9.26
11/26/93	15:00	8.01	10.99	154.3	290.0	0.53	6.08	9.64	0.89	0.34	1.86	31.58	24.82	24.49	16.02
11/26/93	18:00	8.39	10.03	273.7	288.9	0.56	6.13	7.95	1.21	0.23	1.70	30.78	24.51	28.50	13.08
11/26/93	21:00	8.05	10.61	97.7	287.8	0.48	6.50	6.45	1.07	0.29	2.97	27.17	30.90	23.91	13.69
11/27/93	00:00	7.73	21.56	141.6	292.7	0.43	6.38	10.11	1.19	0.30	2.26	29.93	26.16	19.66	20.50
11/27/93	03:00	8.03	18.50	222.3	293.2	0.51	6.32	7.66	0.87	0.21	1.07	28.52	38.17	17.48	13.66
11/27/93	06:00	8.43	18.58	314.1	289.1	0.67	7.29	7.52	0.99	0.20	0.89	32.65	38.85	22.05	4.37
11/27/93	09:00	8.22	21.95	20.2	279.0	0.55	7.29	9.20	1.08	0.18	2.40	43.14	25.47	22.18	5.55
11/27/93	12:00	7.63	19.72	108.7	290.0	0.55	7.29	9.20	1.06	0.23	1.98	47.77	17.50	25.28	6.18
11/27/93	15:00	7.71	8.73	146.3	292.9	0.76	7.09	9.00	0.72	0.16	0.59	45.39	21.51	27.33	4.30
11/27/93	18:00	8.15	25.90	318.3	289.6	1.00	7.01	8.62	0.97	0.16	0.98	48.27	16.79	27.01	5.84
11/27/93	21:00	7.99	27.99	6.3	279.8	0.72	7.21	10.37	1.73	0.33	3.28	47.55	16.44	23.48	7.19
11/28/93	00:00	7.59	22.65	30.4	291.4	1.17	6.48	11.22	1.13	0.51	3.41	25.57	25.30	38.43	5.64
11/28/93	03:00	7.73	22.88	327.4	289.2	1.09	7.11	10.64	1.23	0.28	2.70	40.22	21.14	28.60	5.83
11/28/93	06:00	8.19	29.96	336.2	284.1	1.00	7.47	10.37	1.43	0.27	2.65	41.89	26.47	24.11	3.18
11/28/93	09:00	8.27	24.73	355.7	279.3	0.72	9.57	12.23	2.15	0.83	26.51	40.02	17.63	11.56	1.29
11/28/93	12:00	7.70	21.14	115.6	271.5	0.44	10.40	11.87	1.60	1.03	40.94	42.86	10.15	2.81	0.60
11/28/93	15:00	7.73	40.06	178.3	294.3	0.48	10.29	11.54	1.22	0.62	22.24	62.23	9.21	3.86	0.63
11/28/93	18:00	8.19	12.59	187.0	293.5	0.57	9.53	11.87	1.75	0.71	15.93	61.13	12.62	7.35	0.51
11/28/93	21:00	8.18	21.70	132.0	297.4	0.55	10.78	12.23	2.22	1.77	48.36	36.36	7.62	3.24	0.42

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
11/29/93	00:00	7.77	49.28	151.4	320.6	0.28	7.67	11.87	1.82	1.49	28.00	35.87	24.20	13.18	25.45
11/29/93	03:00	7.73	22.70	175.7	337.9	0.30	7.45	11.22	1.16	0.36	18.07	52.16	24.69	2.62	20.94
11/29/93	06:00	8.28	13.00	265.3	296.5	0.47	9.39	11.87	1.68	0.45	18.61	60.61	18.83	17.10	2.72
11/29/93	09:00	8.36	19.16	339.9	285.1	0.38	9.62	12.23	2.06	0.47	31.86	48.95	27.12	17.39	2.16
11/29/93	12:00	7.74	20.12	91.4	285.8	0.26	10.19	12.23	2.38	1.92	40.74	37.67	26.45	17.74	3.10
11/29/93	15:00	7.47	19.43	143.0	299.8	0.23	9.99	10.92	1.77	0.80	19.00	66.15	27.13	2.08	3.07
11/29/93	18:00	7.96	12.03	264.7	294.8	0.39	9.44	11.22	1.35	0.81	7.09	70.50	12.25	17.05	0.95
11/29/93	21:00	8.09	12.75	346.9	283.9	0.31	10.34	12.23	2.14	1.33	28.94	50.21	10.47	6.30	0.61
11/30/93	00:00	7.62	17.01	115.9	291.2	0.23	10.84	11.87	3.19	1.73	32.18	55.61	4.98	2.03	0.27
11/30/93	03:00	7.55	26.76	170.0	243.4	0.18	10.45	10.92	1.62	2.51	14.44	71.67	6.05	3.17	0.55
11/30/93	06:00	8.16	20.99	230.4	310.7	0.46	6.69	10.37	1.11	1.54	3.70	52.05	5.65	17.25	18.69
11/30/93	09:00	8.49	17.00	326.6	322.3	0.50	5.64	11.87	1.57	1.09	7.46	21.40	5.51	54.94	8.04
11/30/93	12:00	8.01	19.31	90.3	173.7	0.58	5.57	5.57	1.06	0.92	10.56	12.76	3.89	60.78	10.03
11/30/93	15:00	7.65	25.69	144.7	171.0	0.39	4.84	10.92	0.94	1.16	3.24	24.28	2.82	48.39	19.16
11/30/93	18:00	8.01	16.49	225.5	339.0	0.38	5.79	10.37	1.21	0.57	3.35	41.75	4.59	31.45	17.08
11/30/93	21:00	8.33	20.51	323.4	296.4	0.36	6.06	11.22	1.41	1.17	5.85	36.36	3.78	40.13	11.30
12/01/93	00:00	7.97	13.67	60.2	328.3	0.39	5.33	4.43	1.55	1.46	7.42	22.09	4.46	48.92	14.10
12/01/93	03:00	7.63	25.86	137.7	179.2	0.39	4.73	4.33	1.14	0.68	3.46	17.64	3.14	54.28	19.66
12/01/93	06:00	8.08	14.56	244.1	323.8	0.43	5.94	9.64	0.97	0.32	1.99	38.34	6.90	37.32	14.17
12/01/93	09:00	8.52	28.03	325.2	296.9	0.40	5.87	10.37	1.37	0.52	3.21	32.07	7.78	43.89	11.16
12/01/93	12:00	8.21	23.29	34.4	268.9	0.39	5.63	11.54	1.17	0.50	5.10	21.12	13.30	46.42	12.40
12/01/93	15:00	7.72	24.97	120.0	149.2	0.39	5.21	4.58	0.86	0.42	3.71	16.17	8.66	57.49	12.69
12/01/93	18:00	7.94	15.34	216.5	320.1	0.39	5.57	9.42	1.00	0.22	1.43	26.09	15.19	41.38	14.70
12/01/93	21:00	8.36	22.63	311.1	287.5	0.43	6.40	6.35	0.95	0.27	1.18	29.33	32.06	28.52	7.70
12/02/93	00:00	8.15	19.97	26.4	282.1	0.35	6.50	10.11	0.88	0.32	2.15	32.61	26.08	27.37	10.58
12/02/93	03:00	7.67	22.01	118.8	296.0	0.35	7.19	10.37	0.71	0.16	2.67	44.86	26.86	13.54	11.20
12/02/93	06:00	7.95	15.99	217.0	296.1	0.43	7.56	8.62	0.83	0.19	1.23	52.78	20.90	17.83	6.23

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
12/02/93	09:00	8.51	23.20	317.6	278.6	0.47	7.82	9.20	1.13	0.24	3.54	52.15	21.43	17.53	3.99
12/02/93	12:00	8.34	26.27	14.7	278.1	0.38	7.34	9.64	1.27	0.37	6.50	42.85	21.06	18.46	9.49
12/02/93	15:00	7.74	14.56	107.8	292.8	0.29	7.31	10.64	1.10	0.28	7.56	50.00	12.94	10.81	17.31
12/02/93	18:00	7.82	10.83	169.0	286.9	0.29	7.64	8.81	0.54	0.13	1.33	56.22	23.97	10.35	7.46
12/02/93	21:00	8.28	18.34	294.1	294.0	0.38	8.03	9.64	0.65	0.22	1.55	56.09	26.66	13.20	1.62
12/03/93	00:00	8.20	18.17	5.2	279.9	0.31	8.39	9.64	1.94	0.25	2.85	57.72	22.68	13.08	1.48
12/03/93	03:00	7.66	21.09	117.7	298.0	0.23	8.57	10.92	0.98	0.21	4.97	58.72	22.81	11.43	0.87
12/03/93	06:00	7.72	25.77	176.5	296.0	0.25	8.29	9.64	0.80	0.13	1.13	65.90	23.53	7.75	0.76
12/03/93	09:00	8.29	19.66	288.6	296.3	0.30	8.13	8.81	1.00	0.12	1.38	56.11	22.02	17.55	1.82
12/03/93	12:00	8.31	24.23	1.4	280.6	0.27	8.22	10.37	0.85	0.22	2.57	62.38	19.59	12.90	1.49
12/03/93	15:00	7.71	16.69	97.7	310.7	0.16	8.68	9.64	1.00	0.69	4.64	61.73	18.83	10.10	3.01
12/03/93	18:00	7.61	28.59	165.3	298.9	0.15	8.16	9.20	0.79	0.19	2.10	63.68	16.86	14.39	1.99
12/03/93	21:00	8.09	20.88	262.8	305.6	0.20	8.33	9.42	0.80	0.27	1.75	57.43	23.98	14.25	1.52
12/04/93	00:00	8.21	9.99	9.1	283.0	0.22	7.97	9.20	0.74	0.27	2.39	54.91	23.80	16.56	1.34
12/04/93	03:00	7.72	19.53	102.9	264.5	0.15	9.10	10.64	1.20	0.44	3.93	66.86	17.24	9.41	0.92
12/04/93	06:00	7.57	21.05	156.4	282.1	0.16	8.43	9.00	0.60	0.30	1.67	67.70	21.64	7.27	0.82
12/04/93	09:00	8.08	16.32	274.2	298.2	0.25	7.79	9.20	0.71	0.24	0.84	56.94	27.52	12.48	1.27
12/04/93	12:00	8.25	25.34	347.2	285.9	0.24	8.03	9.87	0.65	0.25	1.45	62.07	22.87	10.99	1.72
12/04/93	15:00	7.77	21.42	39.1	275.9	0.17	8.90	9.87	3.28	0.85	3.90	64.11	16.41	8.82	2.62
12/04/93	18:00	7.48	17.45	128.5	296.5	0.18	7.31	9.42	0.75	0.51	2.46	56.73	15.55	11.81	12.19
12/04/93	21:00	7.80	9.08	314.1	296.2	0.23	7.26	8.81	0.84	0.32	1.77	44.15	26.74	14.89	11.30
12/05/93	00:00	8.12	30.61	331.5	295.9	0.24	6.83	9.42	1.18	0.44	2.41	47.90	17.23	15.64	15.20
12/05/93	03:00	7.75	17.89	20.9	325.3	0.20	6.36	9.64	1.48	1.12	4.26	39.07	10.39	26.98	16.70
12/05/93	06:00	7.41	12.37	138.8	284.0	0.20	7.16	9.64	0.94	0.45	3.20	40.22	24.53	24.27	6.39
12/05/93	09:00	7.73	11.46	227.8	272.2	0.31	6.69	9.20	1.25	0.36	1.92	40.28	19.96	21.65	14.58
12/05/93	12:00	8.09	12.51	296.6	285.2	0.36	7.61	10.64	1.82	0.29	3.15	41.35	29.31	20.84	3.24
12/05/93	15:00	7.87	38.35	140.7	139.2	0.45	4.60	4.38	2.94	1.25	5.39	7.80	6.27	54.29	22.07

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
12/05/93	18:00	7.52	41.88	160.4	181.1	0.53	4.91	5.73	1.23	0.35	0.75	1.92	24.70	53.58	17.46
12/05/93	21:00	7.80	23.40	188.5	185.3	0.34	4.39	3.81	2.16	0.52	1.73	7.75	5.43	51.60	30.80
12/06/93	00:00	8.24	13.72	289.5	171.5	0.36	5.03	4.74	2.14	0.51	3.33	15.16	6.53	58.97	13.37
12/06/93	03:00	8.23	19.76	355.3	287.3	0.29	6.61	12.60	1.71	2.72	16.43	22.28	6.30	38.49	12.08
12/06/93	06:00	7.76	20.87	77.5	292.9	0.27	7.76	9.00	1.07	1.12	20.10	40.21	6.54	23.48	7.47
12/06/93	09:00	7.85	8.59	352.6	286.5	0.31	7.88	9.00	0.79	0.29	3.50	63.98	13.42	13.67	4.36
12/06/93	12:00	8.28	24.05	329.5	274.6	0.29	7.70	9.20	1.08	0.34	2.84	56.10	19.71	16.19	3.74
12/06/93	15:00	8.18	30.77	5.5	240.5	0.17	8.03	9.87	1.44	1.06	6.22	52.46	17.86	16.02	4.94
12/06/93	18:00	7.73	9.46	78.3	290.6	0.15	9.14	10.37	1.23	1.77	18.39	57.88	10.65	7.40	2.68
12/06/93	21:00	7.67	16.51	152.9	296.0	0.15	9.14	9.87	0.62	0.64	10.76	66.77	15.23	5.10	0.89
12/07/93	00:00	8.22	13.88	272.9	304.3	0.22	8.87	10.64	1.11	0.78	7.17	62.64	19.37	7.80	1.14
12/07/93	03:00	8.34	9.03	353.4	288.8	0.21	6.26	8.81	2.35	1.49	12.56	35.95	11.29	11.04	25.32
12/07/93	06:00	7.93	23.56	128.3	159.7	0.35	4.81	4.43	1.36	1.17	6.08	15.82	3.44	57.53	14.59
12/07/93	09:00	7.87	34.28	169.6	196.8	0.40	4.54	4.91	2.08	0.50	2.27	7.59	2.27	68.69	16.60
12/07/93	12:00	8.22	14.07	231.3	181.5	0.31	5.51	4.96	1.36	0.62	5.12	20.78	6.23	51.46	14.43
12/07/93	15:00	8.31	8.58	313.7	297.9	0.19	7.19	10.92	1.85	1.20	7.85	39.82	11.97	30.64	6.67
12/07/93	18:00	7.88	18.46	86.0	293.6	0.16	8.75	11.87	1.45	1.12	22.70	40.34	11.13	16.62	6.64
12/07/93	21:00	7.55	26.39	141.6	310.5	0.09	8.53	11.22	1.64	1.11	11.17	55.86	13.56	8.17	8.50
12/08/93	00:00	7.97	13.39	231.1	288.8	0.17	8.22	9.64	1.15	0.58	3.35	56.64	25.57	11.01	1.70
12/08/93	03:00	8.28	23.35	323.2	305.7	0.14	8.61	11.22	1.25	0.74	8.23	52.40	25.36	9.89	2.14
12/08/93	06:00	7.99	18.58	32.3	277.2	0.15	9.31	12.23	1.23	1.51	25.66	46.21	13.34	10.18	1.87
12/08/93	09:00	7.56	19.20	126.1	302.8	0.11	9.39	11.87	0.95	1.53	19.78	54.25	12.29	8.15	3.05
12/08/93	12:00	7.81	18.39	195.1	309.7	0.14	8.61	9.87	1.57	0.38	4.10	61.42	21.61	8.86	2.05
12/08/93	15:00	8.20	11.45	284.0	291.9	0.19	7.42	10.11	1.11	0.54	5.63	48.01	17.17	20.21	7.33
12/08/93	18:00	7.99	6.47	76.3	294.4	0.15	8.64	11.87	1.17	1.73	12.50	58.41	13.06	7.72	5.41
12/08/93	21:00	7.52	32.91	133.7	317.4	0.09	7.04	10.37	1.55	1.16	11.50	53.28	7.26	6.04	19.20
12/09/93	00:00	7.82	16.75	208.1	1.3	0.13	8.46	9.00	1.06	0.51	5.19	64.90	18.57	6.68	3.09

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
12/09/93	03:00	8.37	28.42	310.8	308.4	0.11	8.33	9.42	1.76	0.45	9.04	52.02	16.08	17.81	2.85
12/09/93	06:00	8.26	27.66	11.9	330.7	0.13	9.44	9.20	1.53	1.60	11.65	69.11	7.82	4.92	3.37
12/09/93	09:00	7.68	22.80	102.8	283.7	0.11	8.61	9.64	1.10	1.07	6.04	63.91	8.58	12.86	6.44
12/09/93	12:00	7.65	25.50	174.3	329.9	0.10	8.33	9.64	1.05	0.95	6.45	59.23	16.09	10.12	6.11
12/09/93	15:00	8.12	12.27	283.4	297.9	0.17	8.57	9.42	0.82	0.64	5.39	55.51	22.71	11.43	3.50
12/09/93	18:00	8.14	18.24	355.6	286.8	0.13	8.36	9.00	1.55	1.45	8.74	59.75	15.13	9.96	3.42
12/09/93	21:00	7.56	20.03	123.0	308.1	0.10	8.46	10.11	1.06	1.23	12.36	55.93	11.89	12.18	5.35
12/10/93	00:00	7.55	20.64	179.8	294.3	0.12	8.43	8.81	0.97	0.38	6.83	62.90	10.84	6.20	11.88
12/10/93	03:00	8.13	25.62	297.8	309.8	0.14	7.85	9.00	0.96	0.79	7.82	50.51	19.30	11.37	9.25
12/10/93	06:00	8.29	28.25	351.4	338.2	0.13	8.00	9.20	1.40	1.64	7.52	49.95	18.84	10.25	10.40
12/10/93	09:00	7.73	12.41	67.8	15.2	0.13	8.53	9.87	1.34	2.47	10.42	48.09	19.55	12.21	5.92
12/10/93	12:00	7.39	21.94	139.2	289.5	0.11	7.16	8.81	1.45	0.86	7.97	33.60	14.36	33.24	8.53
12/10/93	15:00	7.86	15.63	253.5	308.9	0.20	7.29	9.87	1.81	0.52	6.95	37.25	24.82	15.63	13.01
12/10/93	18:00	8.07	23.73	330.6	299.7	0.18	6.30	10.11	1.21	1.25	9.33	31.32	12.19	32.63	12.08
12/10/93	21:00	7.52	8.23	122.0	290.8	0.14	8.33	14.37	1.42	4.02	18.19	38.79	15.04	15.62	6.91
12/11/93	00:00	7.26	31.67	156.6	293.1	0.08	7.09	14.37	1.72	1.18	25.00	30.17	11.87	13.47	16.59
12/11/93	03:00	7.82	24.12	236.2	290.1	0.19	6.94	9.42	0.81	0.36	8.45	30.51	17.69	38.80	3.39
12/11/93	06:00	8.36	23.05	315.4	288.4	0.23	6.10	5.89	1.47	0.62	7.11	20.18	20.37	36.19	14.06
12/11/93	09:00	7.99	21.98	99.1	173.5	0.55	4.95	5.15	1.50	0.67	2.80	3.92	6.50	75.51	9.10
12/11/93	12:00	7.48	40.50	147.8	177.9	0.73	4.84	5.57	0.92	0.18	0.50	1.14	5.36	79.96	11.93
12/11/93	15:00	7.73	22.41	195.3	180.8	0.47	4.57	5.22	1.51	0.34	1.46	5.44	4.81	70.91	15.53
12/11/93	18:00	8.29	10.58	259.7	179.1	0.91	5.40	5.57	0.76	0.25	1.03	2.93	12.09	77.42	5.52
12/11/93	21:00	7.94	27.51	123.7	176.6	0.90	5.42	6.16	0.71	0.22	0.88	1.85	27.31	61.60	7.44
12/12/93	00:00	7.46	40.33	142.2	170.5	0.74	4.88	4.96	1.29	0.21	0.77	2.13	9.18	73.05	13.36
12/12/93	03:00	7.68	20.63	204.8	177.0	0.59	4.84	5.15	1.32	0.19	0.80	3.11	9.69	73.77	11.12
12/12/93	06:00	8.36	28.48	311.1	168.9	0.76	5.33	6.07	0.97	0.40	1.00	3.58	25.19	63.82	5.04
12/12/93	09:00	8.26	24.19	27.9	185.7	1.09	5.92	6.55	0.39	0.12	0.52	2.05	48.92	44.32	3.68

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	T _z	T _p	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
12/12/93	12:00	7.58	36.43	117.4	174.9	0.83	5.63	6.35	0.61	0.16	0.91	3.56	35.36	51.81	7.59
12/12/93	15:00	7.46	21.50	171.8	171.1	0.48	4.90	5.57	1.11	0.26	2.61	5.10	14.70	58.93	17.29
12/12/93	18:00	8.07	24.05	307.1	172.0	0.59	5.18	5.22	1.08	0.75	3.66	7.56	7.69	70.73	8.54
12/12/93	21:00	8.08	18.34	13.8	185.1	0.68	5.40	5.50	0.93	1.33	2.87	2.95	9.44	77.34	5.14
12/13/93	00:00	7.51	22.82	87.0	188.7	0.51	5.52	5.73	0.96	1.13	4.93	8.10	14.24	59.15	11.49
12/13/93	03:00	7.54	13.62	177.1	185.2	0.51	5.13	4.96	1.57	0.49	5.56	12.59	4.79	60.72	14.27
12/13/93	06:00	8.31	30.88	311.0	160.4	0.61	5.63	5.29	1.27	0.57	6.86	9.48	10.36	66.23	5.22
12/13/93	09:00	8.53	26.07	353.4	191.5	0.55	6.11	5.81	1.06	0.98	8.62	10.18	22.79	51.38	5.00
12/13/93	12:00	7.80	21.07	68.1	188.5	0.53	5.95	6.07	0.97	1.85	9.76	8.08	19.29	53.24	6.81
12/13/93	15:00	7.54	14.32	135.4	294.1	0.44	6.28	12.60	0.92	0.91	15.92	17.04	7.08	49.43	8.70
12/13/93	18:00	8.06	17.93	307.7	291.6	0.34	7.09	9.20	1.42	1.00	12.40	33.67	18.28	28.51	4.72
12/13/93	21:00	8.30	23.66	347.9	282.6	0.29	8.90	12.23	1.50	2.48	28.45	31.98	15.06	15.84	4.69
12/14/93	00:00	7.78	12.05	42.3	271.9	0.30	9.35	13.00	1.60	5.42	35.22	32.28	7.08	13.58	4.82
12/14/93	03:00	7.57	11.18	123.9	294.0	0.31	8.43	13.88	1.45	2.20	29.19	37.93	7.92	8.62	12.68
12/14/93	06:00	8.27	21.81	303.2	289.9	0.42	7.82	12.23	1.51	1.09	20.95	35.69	16.05	18.77	5.94
12/14/93	09:00	7.97	12.31	159.2	298.9	0.58	11.64	14.37	4.23	11.63	43.27	23.72	3.26	3.27	1.50
12/14/93	12:00	8.14	24.79	30.8	281.1	0.36	9.23	13.00	1.76	4.74	34.16	26.86	13.61	15.98	2.87
12/14/93	15:00	7.61	11.56	141.5	293.4	0.29	8.61	12.23	2.07	2.64	34.59	33.96	10.02	9.08	7.64
12/14/93	18:00	8.04	7.51	343.2	292.9	0.35	9.31	11.87	1.66	0.86	19.97	50.83	14.21	9.16	3.30
12/14/93	21:00	8.45	25.08	3.6	289.5	0.40	8.75	11.87	1.71	0.65	23.03	40.46	16.90	14.73	2.52
12/15/93	00:00	8.04	13.44	34.0	287.8	0.25	8.26	13.88	2.20	1.25	26.91	31.75	19.30	13.83	4.75
12/15/93	03:00	7.59	20.42	157.6	302.4	0.23	7.56	12.23	1.41	0.55	22.36	33.67	17.41	15.93	8.66
12/15/93	06:00	8.13	20.67	209.0	328.6	0.37	5.51	12.23	2.39	0.69	9.91	25.09	12.99	24.04	24.89
12/15/93	09:00	8.72	6.46	314.7	288.1	0.64	6.22	4.79	1.03	0.41	6.87	16.03	26.02	44.14	5.49
12/15/93	12:00	8.39	27.23	7.2	282.6	0.78	6.10	5.29	0.85	0.47	2.97	13.18	30.40	48.81	3.31
12/15/93	15:00	7.83	24.52	121.5	325.2	0.89	5.89	5.09	0.75	0.30	3.26	23.90	11.30	54.27	6.22
12/15/93	18:00	8.10	24.65	192.4	184.1	0.96	5.22	5.29	0.80	0.20	1.53	6.58	16.90	66.93	7.05

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
12/15/93	21:00	8.64	15.75	235.8	181.2	1.07	5.83	5.73	0.84	0.27	1.89	9.40	31.05	51.92	4.62
12/16/93	00:00	8.45	13.13	122.5	183.8	1.02	5.85	5.89	0.64	0.24	1.38	7.29	30.46	55.00	4.98
12/16/93	03:00	7.92	36.52	143.6	184.9	0.96	5.32	5.22	0.69	0.22	1.70	9.29	15.49	64.94	7.66
12/16/93	06:00	8.19	21.23	203.4	320.6	0.75	5.94	8.45	0.94	0.23	2.42	27.03	12.55	48.88	7.95
12/16/93	09:00	8.83	27.36	312.1	301.5	0.97	7.67	9.87	1.13	0.17	2.16	50.13	14.62	28.91	2.87
12/16/93	12:00	8.75	24.92	359.5	292.2	0.81	7.31	10.64	1.28	0.48	8.23	38.83	14.07	34.46	2.65
12/16/93	15:00	8.07	12.94	94.0	302.3	0.75	6.83	5.50	1.26	0.77	13.38	24.36	9.29	46.84	4.10
12/16/93	18:00	8.03	12.90	132.6	303.8	0.55	6.99	11.22	1.53	0.69	11.59	41.13	6.40	31.84	6.82
12/16/93	21:00	8.55	18.88	252.1	296.9	0.58	8.16	10.92	1.85	0.59	19.54	42.06	9.98	20.96	5.02
12/17/93	00:00	8.66	10.85	327.4	293.1	0.73	7.42	13.43	1.47	2.97	25.27	18.23	8.54	39.44	4.07
12/17/93	03:00	8.15	17.35	116.2	297.5	0.66	7.85	13.43	2.16	4.81	27.39	23.39	8.98	27.97	5.29
12/17/93	06:00	8.13	18.88	172.1	303.9	0.62	7.97	13.43	2.36	4.04	34.02	21.53	7.34	23.72	6.98
12/17/93	09:00	8.69	18.96	274.5	300.9	0.77	9.27	11.87	2.58	5.86	35.97	25.09	13.60	14.25	2.65
12/17/93	12:00	8.76	20.21	352.0	289.1	0.69	10.34	14.89	4.81	11.29	34.78	21.15	17.02	9.44	1.51
12/17/93	15:00	8.17	9.05	56.2	292.6	0.57	11.07	14.89	4.75	17.31	38.16	22.16	10.32	6.24	1.05
12/17/93	18:00	7.97	12.31	159.2	298.9	0.56	11.64	14.37	4.29	11.69	43.27	26.72	9.26	3.27	1.50
12/17/93	21:00	8.39	6.86	254.9	298.1	0.68	10.72	12.60	3.75	11.11	46.85	20.05	10.39	7.00	0.86
12/18/93	00:00	8.58	11.23	11.3	291.1	0.56	10.78	16.72	7.03	25.64	25.39	18.28	14.54	7.91	1.21
12/18/93	03:00	8.14	7.25	114.4	293.1	0.48	12.72	16.72	6.94	26.94	31.83	19.60	10.91	3.45	0.34
12/18/93	06:00	7.90	18.14	167.4	292.9	0.49	12.64	16.06	2.90	24.90	46.64	16.77	5.97	2.59	0.21
12/18/93	09:00	8.33	8.83	261.9	299.6	0.48	10.67	13.43	3.59	8.97	45.70	24.21	8.29	8.55	0.70
12/18/93	12:00	8.55	11.08	319.6	289.6	0.45	11.19	15.46	3.45	18.70	43.26	17.23	9.17	7.37	0.82
12/18/93	15:00	8.07	6.54	122.0	293.0	0.36	12.19	16.06	3.93	29.77	35.71	16.92	8.24	4.87	0.56
12/18/93	18:00	7.74	19.45	152.8	292.3	0.27	11.84	14.89	2.25	11.70	57.90	19.65	5.50	2.57	0.43
12/18/93	21:00	7.99	17.47	184.0	301.9	0.24	10.45	15.46	2.73	3.53	36.71	31.88	17.62	6.62	0.91
12/19/93	00:00	8.31	3.81	112.9	301.7	0.35	10.50	13.43	2.58	5.45	42.49	30.32	10.79	7.15	1.21
12/19/93	03:00	7.96	12.50	126.7	295.9	0.26	11.84	13.88	2.76	10.68	50.40	23.78	6.95	4.58	0.84

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
12/19/93	06:00	7.63	22.61	158.9	293.8	0.19	11.91	14.37	2.02	12.25	52.98	26.04	4.28	1.89	0.53
12/19/93	09:00	7.91	26.76	203.5	322.6	0.16	10.95	14.37	2.32	3.41	54.61	25.84	8.34	3.34	2.14
12/19/93	12:00	8.28	3.82	238.0	300.1	0.23	11.44	12.60	2.58	2.38	57.33	26.94	5.58	3.43	1.77
12/19/93	15:00	8.00	16.95	99.8	303.0	0.21	11.70	13.43	1.81	5.54	56.69	26.79	4.28	2.22	2.67
12/19/93	18:00	7.63	22.97	127.6	300.3	0.15	10.89	14.89	1.29	2.50	55.45	28.77	4.70	3.69	3.60
12/19/93	21:00	7.79	7.65	172.3	308.3	0.17	10.61	13.43	1.45	0.79	44.93	38.73	10.41	2.29	1.40
12/20/93	00:00	8.23	17.52	337.4	297.9	0.21	9.57	12.60	1.28	0.90	39.63	36.44	16.25	4.73	0.78
12/20/93	03:00	8.07	15.46	17.5	289.5	0.16	9.89	14.37	1.59	2.02	36.19	35.96	17.26	6.27	0.70
12/20/93	06:00	7.69	8.91	93.3	301.6	0.13	10.89	13.43	1.61	5.17	45.55	33.99	9.02	3.23	1.44
12/20/93	09:00	7.78	5.18	175.0	294.4	0.14	9.53	13.00	1.06	1.14	43.76	29.95	14.19	6.11	3.79
12/20/93	12:00	8.15	16.22	326.1	297.1	0.15	8.43	12.23	1.91	1.79	20.63	33.89	27.63	12.33	1.82
12/20/93	15:00	8.04	20.57	201.9	293.3	0.16	8.98	13.00	1.54	2.42	27.50	32.25	21.10	12.69	2.50
12/20/93	18:00	7.63	14.92	126.7	303.5	0.12	9.48	12.23	1.33	3.96	35.48	34.98	15.01	8.22	1.02
12/20/93	21:00	7.66	16.23	172.7	301.4	0.12	9.23	12.60	0.94	2.31	24.67	36.52	25.35	8.64	1.57
12/21/93	00:00	8.14	8.16	284.9	318.5	0.19	6.83	11.22	1.46	2.66	16.68	25.44	19.41	13.73	20.63
12/21/93	03:00	8.16	23.33	348.1	292.6	0.16	8.19	11.87	2.22	2.65	22.08	28.89	18.77	13.01	12.37
12/21/93	06:00	7.75	10.62	84.2	342.6	0.14	6.87	11.87	1.95	4.16	16.18	30.43	13.23	17.71	16.34
12/21/93	09:00	7.56	26.86	152.9	297.0	0.24	7.64	8.11	0.78	0.61	3.45	50.27	25.24	7.24	12.41
12/21/93	12:00	7.78	15.00	222.7	297.3	0.21	6.46	8.27	1.61	0.62	2.57	39.08	28.73	9.14	18.25
12/21/93	15:00	7.86	1.03	19.9	285.0	0.25	5.46	9.64	2.20	0.94	4.73	36.58	11.76	11.80	31.98
12/21/93	18:00	7.51	23.45	140.5	314.3	0.17	4.42	9.87	3.67	1.09	6.90	22.72	3.05	13.07	49.49
12/21/93	21:00	7.36	36.99	175.5	332.2	0.10	4.71	11.22	3.62	1.25	6.04	28.68	2.45	12.26	45.70
12/22/93	00:00	7.70	18.18	225.2	335.5	0.17	5.94	10.92	1.92	2.48	5.52	42.25	4.27	8.85	34.71
12/22/93	03:00	7.82	12.78	306.7	296.4	0.13	7.76	9.42	3.79	6.60	11.94	46.03	6.28	7.46	17.90
12/22/93	06:00	7.62	7.29	29.3	298.3	0.12	8.90	10.64	3.61	5.76	20.45	51.37	3.50	4.78	10.53
12/22/93	09:00	7.39	17.27	144.1	300.9	0.10	8.94	12.60	3.69	10.77	16.09	45.69	4.63	6.75	12.39
12/22/93	12:00	7.55	5.36	213.7	303.6	0.14	9.06	10.37	1.43	5.50	9.68	62.45	7.65	9.53	3.76

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
12/22/93	15:00	7.75	9.24	19.6	299.6	0.17	9.71	10.92	1.26	6.40	8.46	69.03	7.09	4.04	3.73
12/22/93	18:00	7.52	6.59	93.9	298.6	0.11	10.45	10.64	2.32	12.33	18.01	51.91	8.07	5.27	2.09
12/22/93	21:00	7.23	14.20	150.1	295.3	0.11	10.24	10.37	0.99	5.92	13.66	69.47	6.53	2.09	1.34
12/23/93	00:00	7.46	5.76	218.5	292.5	0.12	9.80	9.64	0.95	7.70	17.68	56.33	11.07	4.69	1.58
12/23/93	03:00	7.83	19.31	318.6	305.1	0.14	9.18	8.62	1.27	7.09	12.29	59.63	11.38	6.74	1.62
12/23/93	06:00	7.72	20.80	11.9	295.8	0.13	10.56	9.64	1.69	13.79	14.71	54.73	8.02	5.87	1.19
12/23/93	09:00	7.41	9.89	30.8	292.1	0.14	6.71	9.87	1.62	5.82	10.71	42.58	6.53	3.94	28.80
12/23/93	12:00	7.51	20.18	175.4	159.8	0.24	4.39	3.58	1.87	3.79	5.56	17.01	4.10	14.36	53.31
12/23/93	15:00	7.84	10.80	222.7	191.3	0.32	4.63	4.20	1.95	5.23	4.49	10.87	3.72	51.90	21.84
12/23/93	18:00	7.85	7.36	343.4	189.1	0.28	5.36	4.96	1.42	5.79	5.42	12.67	2.92	59.16	12.62
12/23/93	21:00	7.48	17.80	120.7	304.8	0.19	5.48	4.38	1.27	6.91	5.46	14.04	8.47	51.56	12.29
12/24/93	00:00	7.62	7.04	201.4	301.3	0.16	6.54	7.00	1.12	4.79	10.53	12.75	29.27	28.80	12.73
12/24/93	03:00	8.09	17.50	332.3	294.2	0.26	7.11	6.88	0.80	1.64	5.36	17.52	53.33	16.97	4.38
12/24/93	06:00	8.10	34.06	0.1	354.9	0.16	7.34	9.87	1.47	6.19	5.93	25.55	34.68	18.00	8.17
12/24/93	09:00	7.69	14.08	45.3	212.6	0.16	7.45	10.92	1.31	1.24	7.71	49.32	17.85	13.22	9.36
12/24/93	12:00	7.56	5.67	193.4	291.4	0.21	7.85	9.87	0.85	0.76	5.39	47.96	30.03	10.64	4.36
12/24/93	15:00	7.89	16.10	319.0	294.1	0.23	8.43	10.92	1.18	0.54	5.79	58.74	22.21	9.90	1.64
12/24/93	18:00	7.98	18.59	341.2	291.7	0.20	8.94	10.92	1.35	1.17	19.90	51.93	17.03	7.45	1.17
12/24/93	21:00	7.66	9.83	20.2	291.4	0.17	9.62	9.20	1.51	0.77	16.77	63.85	11.82	4.81	0.48
12/25/93	00:00	7.60	4.11	13.9	225.0	0.15	8.83	9.87	1.30	0.54	6.65	61.42	23.42	6.30	0.38
12/25/93	03:00	8.05	9.90	340.1	300.8	0.20	8.57	10.92	1.09	0.51	7.10	57.60	25.11	6.93	1.66
12/25/93	06:00	8.20	17.51	12.1	293.4	0.18	9.23	10.64	1.00	0.67	12.12	56.00	18.72	9.46	2.03
12/25/93	09:00	7.82	14.49	50.4	251.8	0.17	10.09	10.64	1.44	0.67	14.63	63.34	9.39	7.01	3.53
12/25/93	12:00	7.56	11.71	145.4	292.7	0.12	9.66	11.54	1.26	0.80	9.73	72.16	10.03	3.35	2.68
12/25/93	15:00	7.82	15.46	5.9	301.4	0.15	9.48	10.64	0.85	0.57	7.63	75.24	12.04	3.00	0.66
12/25/93	18:00	8.05	12.77	356.2	295.9	0.14	9.57	11.87	1.42	0.91	9.71	69.27	14.33	3.51	0.85
12/25/93	21:00	7.58	4.08	48.5	258.1	0.13	8.39	12.23	1.86	1.30	31.20	44.27	4.14	1.86	15.37

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
12/26/93	00:00	7.24	18.47	189.0	248.2	0.14	4.46	11.22	3.54	0.79	4.79	28.76	1.55	4.63	55.92
12/26/93	03:00	7.69	38.03	199.6	171.6	0.20	4.02	3.88	2.35	0.74	1.62	8.32	1.76	22.06	63.15
12/26/93	06:00	8.05	12.90	203.5	210.0	0.28	4.30	4.48	3.09	1.01	1.73	5.42	2.35	61.13	25.26
12/26/93	09:00	7.71	21.25	146.5	172.6	0.16	4.05	3.49	3.96	0.96	2.04	7.71	1.98	28.64	54.70
12/26/93	12:00	7.29	31.00	151.8	327.1	0.13	3.79	3.58	3.98	1.16	1.32	5.81	1.78	16.74	69.20
12/26/93	15:00	7.38	17.92	190.2	22.7	0.16	4.12	3.78	2.39	0.79	2.26	17.27	3.40	18.37	55.53
12/26/93	18:00	7.74	14.88	302.2	294.6	0.10	8.90	11.54	3.34	1.25	10.29	54.04	10.49	12.74	7.85
12/26/93	21:00	7.47	6.94	133.4	303.3	0.09	9.18	10.64	1.54	1.23	10.76	57.88	20.70	3.74	4.14
12/27/93	00:00	7.14	27.92	156.9	342.2	0.06	6.74	5.73	5.01	0.78	6.25	20.59	10.67	41.15	15.55
12/27/93	03:00	7.48	21.72	210.2	358.0	0.09	7.31	8.81	4.02	0.72	2.56	32.98	30.53	22.93	6.27
12/27/93	06:00	8.03	24.73	330.7	293.4	0.13	5.15	6.07	1.61	1.25	3.86	16.92	17.26	35.74	23.35
12/27/93	09:00	7.96	26.47	11.6	173.2	0.22	4.52	4.16	2.02	1.12	3.34	9.40	9.28	58.25	16.59
12/27/93	12:00	7.35	26.72	115.2	164.1	0.24	4.43	4.74	1.97	0.79	2.05	7.50	5.17	62.34	20.18
12/27/93	15:00	7.40	17.95	191.3	165.0	0.17	4.39	4.08	1.39	0.90	2.68	12.14	11.82	38.07	33.01
12/27/93	18:00	7.87	13.20	313.5	286.8	0.19	5.07	5.43	1.78	0.96	3.34	12.66	17.22	36.66	27.38
12/27/93	21:00	7.76	14.02	29.1	178.7	0.24	4.69	4.29	1.59	1.19	2.81	10.73	14.42	47.25	22.00
12/28/93	00:00	7.30	24.05	134.6	151.3	0.22	4.22	4.33	1.36	0.47	1.74	8.36	9.51	40.44	38.13
12/28/93	03:00	7.44	18.01	195.7	172.2	0.21	4.55	4.12	1.49	0.59	3.08	10.44	11.61	44.43	28.36
12/28/93	06:00	8.06	27.63	310.7	151.6	0.25	4.60	4.08	1.88	0.83	2.48	8.19	12.55	51.34	22.72
12/28/93	09:00	8.09	21.56	11.4	190.2	0.45	4.92	5.22	1.01	0.39	1.48	3.42	4.99	81.66	7.05
12/28/93	12:00	7.54	23.44	106.9	177.4	0.39	4.70	4.91	1.22	0.39	1.24	3.07	5.62	73.93	14.53
12/28/93	15:00	7.40	21.66	169.2	186.7	0.52	4.57	4.53	1.36	0.37	0.89	2.25	3.08	79.68	12.37
12/28/93	18:00	7.98	22.05	293.0	180.4	0.43	4.84	5.15	1.48	0.55	0.67	4.29	10.85	72.53	9.62
12/28/93	21:00	8.09	17.90	359.4	186.9	0.60	5.18	5.43	0.84	0.34	0.59	2.52	11.47	77.66	6.57
12/29/93	00:00	7.61	17.23	99.0	187.5	0.70	5.01	5.35	0.63	0.19	0.35	2.10	8.60	79.99	8.14
12/29/93	03:00	7.50	15.08	176.4	185.6	0.56	4.88	4.96	1.01	0.26	0.50	2.89	13.93	68.56	12.85
12/29/93	06:00	8.09	25.99	309.8	178.5	0.59	5.08	5.15	1.03	0.25	0.39	3.33	11.64	76.02	7.35

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
12/29/93	09:00	8.30	32.18	359.3	174.8	0.47	5.42	5.43	0.83	0.27	0.65	5.40	23.05	63.88	5.93
12/29/93	12:00	7.76	22.67	48.7	188.6	0.35	5.55	5.50	0.83	0.25	0.99	15.17	14.33	59.18	9.24
12/29/93	15:00	7.37	26.72	141.2	147.6	0.25	5.08	4.53	1.60	0.54	0.57	14.60	19.69	48.36	14.63
12/29/93	18:00	7.81	16.37	296.4	306.3	0.24	5.72	8.27	1.08	0.31	0.59	18.80	35.21	34.23	9.77
12/29/93	21:00	8.05	25.50	343.3	311.1	0.17	6.90	8.45	1.78	0.48	1.55	40.09	27.50	19.73	8.87
12/30/93	00:00	7.60	12.16	62.5	321.8	0.17	6.48	10.37	1.67	0.51	2.98	49.27	9.95	9.01	26.60
12/30/93	03:00	7.32	31.79	153.3	310.1	0.15	4.05	3.74	2.12	0.65	1.31	14.50	4.42	28.38	48.62
12/30/93	06:00	7.93	21.40	267.7	342.4	0.16	4.97	8.81	2.62	0.39	1.96	28.35	11.36	28.35	26.97
12/30/93	09:00	8.26	25.37	329.3	170.5	0.19	4.80	4.43	3.64	0.99	1.41	12.19	3.43	63.66	14.68
12/30/93	12:00	7.95	19.49	96.1	163.1	0.34	4.33	4.38	3.01	0.84	0.92	2.95	2.96	73.10	16.23
12/30/93	15:00	7.48	39.08	151.9	170.0	0.36	4.44	4.96	1.10	0.25	0.47	1.00	3.97	73.61	19.59
12/30/93	18:00	7.81	16.12	225.5	172.2	0.20	4.64	4.29	3.02	0.64	2.17	7.38	4.51	52.86	29.40
12/30/93	21:00	8.15	24.13	319.0	317.1	0.10	5.87	6.35	3.04	0.57	2.20	11.40	25.66	43.15	13.97
12/31/93	00:00	7.84	21.48	35.6	319.6	0.11	6.61	7.25	1.92	1.49	4.48	18.30	26.26	35.98	11.57
12/31/93	03:00	7.34	24.55	131.5	305.1	0.07	5.70	8.27	3.34	0.96	2.21	22.73	19.09	22.93	28.74
12/31/93	06:00	7.72	13.52	252.1	308.2	0.09	7.37	9.42	2.06	0.87	4.62	41.18	24.90	17.44	8.93
12/31/93	09:00	8.22	36.58	327.0	334.2	0.07	7.16	9.00	2.57	0.85	6.78	33.33	20.66	26.14	9.68
12/31/93	12:00	7.90	33.62	29.0	331.5	0.08	7.34	10.37	2.70	2.44	13.26	40.55	17.40	7.64	16.01
12/31/93	15:00	7.27	30.07	131.1	314.6	0.06	6.85	5.73	3.73	1.24	8.98	24.26	20.33	27.98	13.49
12/31/93	18:00	7.45	22.74	195.5	285.4	0.07	7.94	10.92	1.63	1.54	6.28	50.67	22.74	7.35	9.79
12/31/93	21:00	8.00	18.48	301.4	309.0	0.11	7.59	10.92	2.98	1.88	4.97	40.11	20.56	26.21	3.29
01/01/94	00:00	7.88	13.87	24.3	340.5	0.10	9.62	10.92	3.75	4.46	17.46	52.71	11.95	6.76	2.91
01/01/94	03:00	7.32	24.77	133.5	320.0	0.04	10.14	10.11	4.42	3.82	19.85	52.76	9.87	5.54	3.74
01/01/94	06:00	7.45	22.65	201.8	320.1	0.09	8.90	9.64	1.58	4.28	7.30	65.62	11.20	2.98	7.03
01/01/94	09:00	8.03	27.59	303.9	298.8	0.12	7.61	8.45	2.68	5.17	6.60	43.50	10.78	20.89	10.38
01/01/94	12:00	7.95	26.88	14.3	327.0	0.11	8.98	11.22	3.08	8.07	15.11	47.93	7.64	6.51	11.66
01/01/94	15:00	7.28	22.65	120.1	302.7	0.06	9.53	11.54	5.18	9.45	15.30	50.45	6.91	6.18	6.53

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	T _z	T _p	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
01/01/94	18:00	7.21	25.32	178.2	315.2	0.07	8.43	10.64	1.53	5.87	9.36	55.23	8.79	11.06	8.16
01/01/94	21:00	7.77	19.75	277.2	319.7	0.13	8.19	10.64	1.33	4.90	9.56	52.47	14.61	9.48	7.65
01/02/94	00:00	7.89	19.40	353.4	273.2	0.14	6.61	10.64	1.96	5.34	6.81	27.90	9.93	39.42	8.65
01/02/94	03:00	7.35	16.72	105.0	308.3	0.11	7.39	10.92	1.34	4.79	12.17	30.22	18.09	29.29	4.10
01/02/94	06:00	7.27	21.51	170.2	301.1	0.15	7.39	6.88	0.72	0.56	2.59	31.76	44.09	18.68	1.59
01/02/94	09:00	7.97	22.28	295.1	292.1	0.27	6.69	8.11	0.79	0.70	1.41	26.54	35.78	30.14	4.65
01/02/94	12:00	8.09	20.78	1.0	346.9	0.20	7.50	7.66	1.20	0.90	4.22	38.12	31.09	20.35	4.12
01/02/94	15:00	7.60	15.48	52.8	216.9	0.18	8.64	9.42	0.90	1.50	4.91	67.94	13.15	9.91	1.69
01/02/94	18:00	7.37	8.24	126.2	301.4	0.16	8.68	9.00	0.69	0.56	1.51	70.13	21.00	3.79	2.32
01/02/94	21:00	7.87	12.09	322.0	303.6	0.23	7.67	8.45	0.60	0.78	2.10	47.69	30.63	16.40	1.81
01/03/94	00:00	8.24	35.17	345.0	295.0	0.20	7.37	9.20	1.04	0.72	2.45	44.42	23.65	24.06	3.66
01/03/94	03:00	7.81	23.30	37.5	203.7	0.16	7.67	10.11	1.38	2.14	3.81	53.08	19.80	17.10	2.69
01/03/94	06:00	7.54	11.34	135.4	297.4	0.17	6.13	8.81	1.56	1.20	2.69	37.10	12.72	27.30	17.42
01/03/94	09:00	8.02	11.05	268.4	286.9	0.34	4.92	8.27	1.67	0.62	1.14	22.58	16.28	28.88	28.84
01/03/94	12:00	8.34	26.95	335.1	285.0	0.36	6.08	8.45	1.14	0.65	1.03	28.09	16.47	40.23	12.38
01/03/94	15:00	7.94	20.59	33.9	218.2	0.45	5.31	4.58	1.09	0.62	0.96	18.16	13.18	56.31	9.67
01/03/94	18:00	7.64	13.92	75.1	179.3	0.65	4.96	4.48	0.89	0.29	0.65	11.33	17.22	57.81	11.82
01/03/94	21:00	7.98	13.90	270.8	298.4	0.67	5.94	7.00	1.04	0.21	0.87	17.44	35.80	34.87	9.77
01/04/94	00:00	8.52	38.26	331.0	293.8	0.91	7.37	9.64	1.30	0.21	1.10	46.79	21.20	25.83	3.57
01/04/94	03:00	8.36	35.36	358.5	281.5	1.06	7.06	10.92	1.37	0.30	3.22	41.14	10.90	39.78	3.29
01/04/94	06:00	7.92	15.74	32.5	297.3	0.71	8.00	11.54	2.01	0.48	9.00	46.78	11.54	28.01	2.16
01/04/94	09:00	7.79	13.69	289.1	298.9	0.57	8.16	10.37	0.94	0.13	2.53	68.40	11.66	7.43	8.91
01/04/94	12:00	8.11	21.91	322.0	273.9	0.53	6.11	10.37	2.33	0.67	5.79	36.42	12.51	19.30	22.97
01/04/94	15:00	7.92	8.95	299.6	287.6	0.28	6.85	12.23	2.25	1.00	13.81	36.97	17.28	8.80	19.89
01/04/94	18:00	7.64	18.02	156.9	307.3	0.15	7.31	10.92	3.95	2.20	19.33	33.72	13.82	7.76	19.23
01/04/94	21:00	7.63	49.96	171.6	349.8	0.08	6.52	10.92	4.49	2.65	11.19	35.27	11.16	13.92	21.32
01/05/94	00:00	8.29	17.40	198.2	332.9	0.17	8.64	10.64	2.11	1.28	7.44	48.66	20.84	13.78	5.89

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
01/05/94	03:00	8.23	17.57	146.7	348.3	0.19	6.40	10.11	2.60	2.99	9.86	34.89	11.49	17.25	20.92
01/05/94	06:00	7.81	26.97	148.2	336.3	0.14	5.67	4.20	2.26	1.37	14.18	20.03	6.39	37.38	18.39
01/05/94	09:00	7.72	33.72	176.9	343.4	0.08	5.54	12.23	3.91	2.63	13.30	22.98	6.12	21.76	29.29
01/05/94	12:00	7.98	8.60	215.4	299.6	0.14	9.02	9.42	1.69	1.62	11.34	58.30	14.56	6.61	5.89
01/05/94	15:00	7.96	8.53	13.1	298.2	0.15	9.14	10.64	2.03	3.87	17.82	53.53	8.29	3.83	10.62
01/05/94	18:00	7.51	17.66	119.3	312.9	0.10	5.83	11.54	2.67	4.22	15.34	31.52	10.14	2.69	33.42
01/05/94	21:00	7.39	21.49	167.0	277.1	0.05	7.67	9.20	3.14	1.93	11.22	52.23	7.62	6.40	17.47
01/06/94	00:00	7.88	15.90	243.6	24.0	0.11	9.14	9.87	1.38	1.50	12.43	61.46	15.76	5.59	1.88
01/06/94	03:00	8.11	20.56	326.6	323.6	0.10	9.48	11.22	1.78	4.11	11.36	58.96	10.83	10.78	2.20
01/06/94	06:00	7.77	18.28	46.4	314.6	0.15	5.20	10.11	2.17	3.35	13.50	26.41	5.06	8.05	41.45
01/06/94	09:00	7.34	24.16	135.7	312.6	0.10	5.39	3.67	6.07	2.68	9.77	20.90	7.02	15.73	37.81
01/06/94	12:00	7.58	11.30	222.4	334.2	0.12	7.26	9.20	1.40	1.67	11.49	44.36	15.57	13.64	11.87
01/06/94	15:00	7.81	14.31	323.4	303.0	0.13	7.70	10.11	1.90	2.68	8.62	45.42	16.23	13.60	11.55
01/06/94	18:00	7.55	17.63	41.4	321.0	0.17	6.78	6.16	2.08	2.08	5.10	18.00	37.66	27.02	8.07
01/06/94	21:00	7.15	23.97	138.6	323.2	0.06	8.19	9.64	2.42	5.12	12.72	39.25	12.42	14.21	13.86
01/07/94	00:00	7.47	16.07	220.1	345.0	0.21	4.64	3.64	1.52	0.99	4.48	20.64	10.01	19.82	42.54
01/07/94	03:00	7.98	24.12	309.9	304.7	0.13	6.46	9.87	1.69	1.35	5.38	25.23	20.18	33.14	13.05
01/07/94	06:00	7.81	23.82	22.4	12.5	0.13	7.21	9.64	1.63	1.66	8.76	31.29	27.88	21.50	7.28
01/07/94	09:00	7.30	12.48	107.7	266.9	0.09	7.19	10.37	1.98	2.40	10.33	35.44	18.19	25.78	5.89
01/07/94	12:00	7.36	11.40	186.1	301.3	0.11	6.80	9.87	1.62	2.22	7.08	35.89	18.37	21.72	13.10
01/07/94	15:00	7.82	17.65	292.3	305.7	0.16	6.76	9.42	1.46	1.13	3.62	32.30	25.29	24.29	11.92
01/07/94	18:00	7.83	17.64	4.0	317.0	0.16	6.99	9.64	1.40	1.79	4.18	35.62	25.63	24.75	6.64
01/07/94	21:00	7.29	9.49	99.0	278.6	0.13	7.42	10.64	1.20	1.53	4.81	37.98	25.78	21.47	7.22
01/08/94	00:00	7.38	6.75	199.8	285.6	0.13	6.97	8.62	1.28	2.25	3.46	37.46	20.49	23.53	11.53
01/08/94	03:00	7.99	18.45	301.2	306.7	0.18	6.19	9.42	1.46	1.72	2.27	20.29	28.10	37.24	8.92
01/08/94	06:00	8.17	31.83	357.6	197.0	0.14	6.78	7.25	2.64	2.29	3.13	29.13	28.57	26.78	7.46
01/08/94	09:00	7.63	8.83	63.1	230.6	0.18	5.16	7.38	2.34	2.16	4.37	20.01	16.11	20.68	34.33

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
01/08/94	12:00	7.45	13.50	165.1	169.0	0.20	4.84	4.29	2.13	1.90	3.16	21.46	8.41	39.97	22.98
01/08/94	15:00	7.95	14.57	277.9	331.2	0.18	7.16	9.42	0.98	1.70	2.35	38.15	23.91	24.14	8.77
01/08/94	18:00	8.26	20.26	345.8	296.5	0.18	6.59	9.87	2.17	2.27	2.73	27.48	26.22	26.63	12.50
01/08/94	21:00	7.84	14.08	94.3	196.0	0.69	4.80	5.09	0.72	0.36	0.34	3.28	3.49	84.19	7.61
01/09/94	00:00	7.58	34.28	168.8	192.4	0.48	4.64	5.29	1.04	0.28	0.42	1.68	3.56	79.63	13.39
01/09/94	03:00	8.06	18.67	235.8	196.5	0.31	4.81	4.85	1.92	1.03	1.38	9.35	10.14	58.15	18.04
01/09/94	06:00	8.38	21.10	334.4	317.6	0.27	5.12	5.22	1.72	1.26	1.37	10.53	17.31	54.69	13.12
01/09/94	09:00	7.96	18.60	61.8	192.2	0.24	4.73	4.63	1.82	1.09	2.81	10.43	6.43	61.96	15.47
01/09/94	12:00	7.40	23.47	144.2	137.1	0.18	4.75	4.33	5.39	0.37	0.96	4.80	8.90	59.24	20.35
01/09/94	15:00	7.66	10.68	207.9	16.4	0.12	5.64	9.64	1.98	1.50	4.97	31.99	13.98	15.15	30.43
01/09/94	18:00	8.07	7.57	305.1	295.0	0.13	6.78	9.42	2.73	1.99	5.58	34.51	17.58	23.07	14.54
01/09/94	21:00	7.70	13.69	119.3	321.4	0.10	6.13	10.37	3.55	3.39	7.19	36.07	8.94	13.33	27.53
01/10/94	00:00	7.35	34.58	158.5	161.5	0.21	3.89	4.00	1.25	0.41	0.58	2.00	1.20	53.26	41.29
01/10/94	03:00	7.68	23.91	207.4	189.2	0.39	4.35	4.48	1.79	0.49	0.77	4.34	1.83	74.56	16.21
01/10/94	06:00	8.28	28.56	320.5	178.4	0.40	4.80	5.09	1.99	0.73	1.06	3.86	4.57	78.59	9.21
01/10/94	09:00	8.07	19.77	28.6	195.5	0.38	4.95	4.96	2.42	0.57	1.00	4.16	10.11	71.74	10.00
01/10/94	12:00	7.38	29.13	124.5	162.4	0.29	4.56	4.85	1.65	0.67	0.76	3.93	9.92	66.55	16.52
01/10/94	15:00	7.40	17.65	185.5	139.7	0.16	4.53	4.08	2.90	3.27	1.94	12.47	6.69	40.36	32.38
01/10/94	18:00	7.98	24.63	311.9	321.3	0.13	6.28	9.42	3.03	3.23	3.58	25.99	23.98	25.93	14.26
01/10/94	21:00	7.75	16.84	27.9	297.0	0.12	8.03	9.00	7.73	4.22	2.83	42.89	20.28	16.97	5.08
01/11/94	00:00	7.22	21.98	120.1	298.2	0.09	6.87	8.11	5.76	4.43	2.86	34.55	19.11	15.76	17.53
01/11/94	03:00	7.37	15.86	206.0	284.5	0.11	7.14	7.95	1.44	6.42	3.48	34.36	24.21	16.92	13.18
01/11/94	06:00	8.05	30.99	314.2	318.1	0.12	6.69	6.77	2.06	6.45	2.26	25.71	26.03	24.78	12.71
01/11/94	09:00	8.08	30.44	6.2	342.6	0.12	7.04	8.81	2.30	4.94	3.75	36.82	18.06	18.94	15.19
01/11/94	12:00	7.40	17.06	90.2	299.6	0.12	6.80	10.64	4.18	3.56	4.30	39.16	18.75	13.58	16.47
01/11/94	15:00	7.27	14.49	164.7	316.1	0.11	7.42	9.00	2.24	4.65	4.81	29.98	23.95	24.29	10.08
01/11/94	18:00	7.93	17.02	311.2	310.9	0.14	7.19	10.11	2.01	3.78	4.13	35.12	18.72	29.69	6.53

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
01/11/94	21:00	8.01	19.52	1.4	12.4	0.13	7.11	10.92	1.42	4.21	3.87	31.54	16.46	37.29	5.22
01/12/94	00:00	7.47	5.49	60.0	221.9	0.13	7.79	10.37	0.89	8.08	5.55	40.51	17.23	25.43	2.31
01/12/94	03:00	7.34	3.98	166.5	281.8	0.11	7.47	9.64	0.85	5.33	4.48	39.48	19.20	28.18	2.47
01/12/94	06:00	8.03	25.16	309.4	314.6	0.20	5.87	9.42	1.26	2.25	2.74	27.30	15.73	42.01	8.71
01/12/94	09:00	8.28	41.07	1.0	293.1	0.13	6.78	9.87	1.96	5.31	5.60	27.91	14.74	35.93	8.56
01/12/94	12:00	7.72	20.00	36.1	291.3	0.15	7.24	10.92	1.56	7.33	5.14	31.04	17.32	29.73	7.88
01/12/94	15:00	7.37	8.16	150.4	274.7	0.15	5.35	10.11	3.36	1.81	7.32	21.67	14.25	18.53	33.07
01/12/94	18:00	7.92	17.56	288.6	347.7	0.26	5.38	5.73	2.09	0.59	3.02	11.52	21.99	36.55	24.24
01/12/94	21:00	8.19	21.10	355.1	298.5	0.29	6.94	9.20	1.45	0.61	2.05	38.77	30.30	20.32	6.51
01/13/94	00:00	7.78	15.49	49.7	278.3	0.19	7.45	9.20	2.19	1.97	3.13	49.53	13.93	17.99	11.26
01/13/94	03:00	7.40	17.43	142.7	338.9	0.20	5.02	9.87	1.65	1.72	3.75	28.37	5.97	26.53	32.02
01/13/94	06:00	7.95	20.68	288.1	316.9	0.21	7.14	9.87	1.16	0.50	2.25	52.35	15.32	14.86	13.56
01/13/94	09:00	8.40	23.52	349.6	280.0	0.19	8.22	9.42	1.30	1.39	3.44	58.75	14.77	16.11	4.25
01/13/94	12:00	7.98	31.75	25.0	228.3	0.17	8.33	10.92	1.57	2.27	6.17	55.82	12.61	14.26	7.29
01/13/94	15:00	7.47	13.63	130.7	295.1	0.16	8.13	10.11	1.52	2.71	3.50	49.45	14.77	20.76	7.28
01/13/94	18:00	7.82	8.54	346.0	302.4	0.22	8.06	8.62	0.64	1.11	2.83	57.70	30.27	5.96	1.50
01/13/94	21:00	8.29	22.36	348.4	288.6	0.21	8.03	9.20	1.33	1.44	3.03	51.88	27.39	13.04	1.89
01/14/94	00:00	7.98	22.03	26.7	280.3	0.18	8.50	9.20	1.46	2.30	3.55	59.75	21.08	9.90	1.95
01/14/94	03:00	7.48	18.44	126.7	290.6	0.14	7.06	8.81	2.05	4.08	6.45	41.19	20.90	7.27	18.06
01/14/94	06:00	7.82	21.63	205.6	354.7	0.21	7.06	8.45	1.21	1.44	3.44	38.30	25.65	22.78	7.19
01/14/94	09:00	8.37	20.85	339.9	286.4	0.19	7.67	8.27	1.40	3.47	5.94	38.67	29.95	15.66	4.89
01/14/94	12:00	8.09	27.01	5.2	302.8	0.16	8.71	9.87	7.14	7.01	7.84	42.81	12.87	17.67	4.65
01/14/94	15:00	7.49	13.96	122.3	298.7	0.11	9.94	14.89	7.50	9.79	15.91	42.85	15.08	7.62	1.25
01/14/94	18:00	7.75	21.86	199.2	314.1	0.12	10.04	18.20	6.90	16.75	14.20	33.36	22.55	4.16	2.07
01/14/94	21:00	8.26	12.16	214.0	327.6	0.25	5.92	18.20	5.22	12.79	6.66	22.06	10.52	13.30	29.45
01/15/94	00:00	8.29	9.64	152.7	191.7	0.73	5.52	5.81	2.04	2.08	1.18	1.62	10.41	76.35	6.32
01/15/94	03:00	7.74	34.91	143.6	175.7	0.55	4.61	5.43	1.84	0.84	0.84	1.19	4.86	75.25	15.17

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
01/15/94	06:00	7.84	24.11	192.0	198.5	0.34	4.47	4.68	2.53	2.62	2.53	4.66	1.59	67.84	18.23
01/15/94	09:00	8.28	19.75	292.7	325.0	0.21	7.31	9.64	2.28	10.23	8.58	29.85	9.29	28.43	11.33
01/15/94	12:00	8.11	21.75	22.0	359.6	0.18	5.97	21.01	8.93	11.98	7.50	19.44	4.37	19.81	27.97
01/15/94	15:00	7.48	30.67	121.1	129.9	0.18	4.09	3.74	5.46	5.96	3.66	4.74	2.19	18.39	59.59
01/15/94	18:00	7.57	30.22	185.7	163.4	0.23	3.95	3.85	2.74	2.46	1.89	2.51	1.33	29.21	59.87
01/15/94	21:00	8.04	20.04	222.2	187.2	0.50	4.62	4.74	2.94	2.52	1.52	2.40	1.47	77.56	11.58
01/27/94	15:00	5.15	23.71	150.7	309.1	0.48	6.74	8.45	1.73	0.63	9.79	26.82	19.19	17.01	17.1
01/27/94	18:00	5.08	14.01	268.9	313.4	0.65	7.37	8.45	1.57	0.55	8.75	28.59	27.97	13.94	12.94
01/27/94	21:00	6.82	9.78	7.5	298.7	0.51	7.58	8.62	1.40	0.41	12.23	34.80	28.50	16.69	5.56
01/28/94	00:00	8.21	17.21	40.1	290.1	0.35	7.82	9.84	1.74	0.35	17.90	30.93	21.57	13.23	7.88
01/24/94	18:00	6.26	10.39	321.6	300.3	0.14	6.44	12.60	2.25	0.91	16.55	19.31	14.01	36.73	10.24
01/24/94	21:00	5.94	19.28	93.9	324.4	0.13	7.19	13.00	2.22	3.00	15.41	27.89	16.20	31.05	4.23
01/25/94	00:00	5.68	30.16	152.3	321.6	0.10	7.67	11.22	2.48	1.19	15.85	28.14	20.36	28.46	3.53
01/25/94	03:00	6.10	24.09	211.9	320.7	0.15	6.97	11.22	1.75	0.91	7.23	38.43	10.01	32.55	9.12
01/25/94	06:00	6.45	14.40	332.0	301.1	0.14	6.34	12.23	2.04	1.50	17.44	23.06	8.93	35.35	11.68
01/25/94	09:00	6.19	20.31	25.6	288.1	0.13	8.83	11.54	3.93	2.12	30.90	29.75	7.19	20.83	5.29
01/25/94	12:00	5.72	29.78	105.0	26.5	0.10	7.79	11.87	3.17	2.50	20.80	25.52	9.94	28.95	9.14
01/25/94	15:00	5.90	34.59	180.2	349.9	0.12	8.06	11.54	1.75	1.63	14.08	52.71	7.89	13.76	8.18
01/25/94	18:00	6.35	11.05	271.4	353.5	0.15	6.59	10.92	2.18	1.38	12.51	31.44	5.93	30.51	16.05
01/25/94	21:00	6.15	20.09	55.9	285.6	0.17	6.52	4.74	1.96	0.98	14.48	18.83	9.20	44.34	10.21
01/26/94	00:00	5.70	19.62	144.4	302.6	0.12	6.87	11.87	1.39	1.06	13.01	28.44	16.27	32.05	7.77
01/26/94	03:00	6.01	15.61	212.4	297.2	0.15	7.34	10.11	1.49	1.02	7.05	46.60	7.08	29.24	7.52
01/26/94	06:00	6.55	26.72	331.0	340.5	0.15	6.76	11.22	1.51	1.16	10.16	32.99	7.38	38.86	7.94
01/26/94	09:00	6.50	29.71	359.0	343.6	0.14	7.70	12.23	2.21	1.25	20.13	29.95	11.93	28.47	6.06
01/26/94	12:00	6.00	13.41	67.2	173.6	0.30	4.15	3.74	1.76	0.70	8.67	10.98	7.88	11.00	59.01
01/26/94	15:00	6.17	30.70	187.1	190.5	0.57	4.11	3.96	1.60	0.38	1.05	3.96	6.94	48.58	37.48
01/26/94	18:00	6.79	20.27	245.0	188.9	0.76	5.24	4.79	0.85	0.21	0.68	9.02	17.29	60.91	11.05

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	T _p (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
01/26/94	21:00	6.76	24.73	30.7	306.0	0.73	6.17	8.81	0.85	0.21	2.04	31.83	13.61	42.03	9.42
01/27/94	00:00	6.25	27.81	74.0	305.1	0.80	5.80	4.48	1.12	0.18	3.03	24.94	10.31	46.22	14.20
01/27/94	03:00	6.32	20.70	176.1	302.2	0.74	6.04	8.81	1.58	0.67	2.95	29.19	18.95	32.50	14.18
01/27/94	06:00	6.92	25.82	286.4	305.7	0.86	7.31	11.22	1.91	0.77	7.04	39.85	16.60	25.61	8.22
01/27/94	09:00	7.03	40.03	347.3	297.7	0.85	7.56	12.60	1.56	0.81	20.77	28.14	17.80	24.94	5.98
01/27/94	12:00	6.38	22.51	51.4	298.1	0.69	6.63	13.00	1.52	1.11	11.36	29.82	14.66	34.02	7.52
01/27/94	15:00	6.15	23.71	150.7	309.1	0.49	6.74	8.45	1.73	0.63	9.79	33.89	19.19	17.01	17.75
01/27/94	18:00	6.68	14.01	268.9	313.4	0.65	7.37	8.45	1.57	0.55	6.35	36.69	27.97	13.94	12.94
01/27/94	21:00	6.82	9.78	7.5	298.7	0.61	7.56	8.62	1.40	0.41	12.25	34.80	28.90	16.69	5.56
01/28/94	00:00	6.21	17.21	98.1	299.1	0.35	7.82	9.64	1.74	0.95	17.90	36.93	21.57	13.23	7.68
01/28/94	03:00	5.91	24.91	161.5	298.2	0.28	7.73	11.54	1.16	0.43	8.32	40.45	29.17	14.04	6.42
01/28/94	06:00	6.50	24.64	257.8	293.5	0.59	7.29	7.25	1.30	0.38	4.73	32.42	38.94	18.67	3.56
01/28/94	09:00	6.74	28.17	345.4	282.7	0.77	7.64	9.20	1.19	0.22	4.26	56.15	15.74	16.03	6.41
01/28/94	12:00	6.11	33.15	29.7	296.4	0.69	7.11	11.22	1.43	0.53	6.07	46.96	12.54	13.49	18.98
01/28/94	15:00	5.60	26.34	148.9	293.5	0.32	8.29	10.37	1.53	0.45	3.91	60.22	17.66	13.44	2.80
01/28/94	18:00	6.05	25.66	225.2	290.8	0.49	7.97	9.64	1.51	0.44	2.98	56.51	22.02	14.32	2.23
01/28/94	21:00	6.50	11.74	230.1	301.8	0.56	8.13	11.54	1.59	0.51	6.99	52.00	15.12	21.08	2.72
01/29/94	00:00	6.03	16.97	125.9	307.9	0.30	8.94	12.23	2.00	0.92	21.79	45.53	15.90	11.79	2.06
01/29/94	03:00	5.60	39.42	160.9	322.5	0.11	8.64	10.92	2.23	0.26	9.52	58.28	17.69	10.01	2.02
01/29/94	06:00	6.15	17.88	217.7	275.4	0.33	7.82	9.20	0.75	0.15	1.01	58.00	25.86	13.49	0.73
01/29/94	09:00	6.66	11.28	341.7	293.0	0.43	7.21	8.45	0.94	0.22	3.40	39.02	26.40	25.66	4.36
01/29/94	12:00	6.22	21.14	57.2	287.4	0.25	7.53	10.64	1.53	0.25	7.21	47.76	16.88	23.09	3.28
01/29/94	15:00	5.61	26.85	142.6	314.2	0.12	8.06	9.87	4.63	0.47	4.36	58.37	14.00	11.81	6.37
01/29/94	18:00	5.97	29.37	221.9	306.6	0.20	7.94	8.62	1.02	0.23	1.49	58.05	23.27	14.30	1.64
01/29/94	21:00	6.55	21.01	288.6	292.8	0.30	7.06	8.62	0.86	0.34	2.64	46.89	21.44	22.09	5.73
01/30/94	00:00	6.26	21.63	47.2	291.8	0.23	7.42	9.87	1.44	0.69	11.22	45.21	15.44	21.72	4.27
01/30/94	03:00	5.69	24.30	126.0	3.1	0.15	5.09	10.37	1.82	0.62	5.29	32.69	5.19	17.73	36.65

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
01/30/94	06:00	5.94	26.73	204.5	310.4	0.23	5.60	8.62	1.11	0.85	2.04	40.59	13.57	12.40	29.43
01/30/94	09:00	6.63	20.89	293.1	279.0	0.39	5.63	5.09	0.95	0.68	1.50	26.91	12.99	37.33	19.65
01/30/94	12:00	6.42	26.13	26.5	290.1	0.42	5.26	4.58	0.92	0.70	2.16	22.97	11.99	38.20	23.06
01/30/94	15:00	5.77	24.56	104.3	207.7	0.33	4.64	4.08	1.37	0.61	2.35	14.49	9.13	38.83	33.22
01/30/94	18:00	6.00	21.20	202.9	334.7	0.44	4.79	3.67	1.03	0.59	0.83	17.30	17.02	19.62	43.60
01/30/94	21:00	6.68	23.65	300.1	324.9	0.68	5.36	4.74	0.79	0.39	0.95	12.08	24.27	49.59	11.92
01/31/94	00:00	6.68	27.60	5.8	306.7	0.73	5.75	5.09	1.08	0.41	1.18	21.15	12.19	56.12	7.87
01/31/94	03:00	6.04	25.29	78.6	191.6	0.72	5.29	5.03	0.46	0.33	0.57	12.97	7.30	62.07	16.29
01/31/94	06:00	5.94	22.11	171.0	178.7	0.64	4.96	4.58	0.70	0.22	0.75	13.18	13.08	53.28	18.79
01/31/94	09:00	6.58	22.99	277.5	305.0	0.62	5.75	8.45	0.96	0.35	1.23	23.47	25.96	33.68	14.35
01/31/94	12:00	6.63	23.72	2.6	289.8	0.47	6.26	9.00	1.20	0.94	2.45	27.19	25.61	32.07	10.55
01/31/94	15:00	6.03	21.62	73.1	290.9	0.39	5.82	7.52	0.95	0.70	1.23	31.17	19.68	23.97	22.30
01/31/94	18:00	5.88	14.44	158.0	312.0	0.28	6.08	9.42	1.06	0.37	1.86	41.72	19.24	8.03	27.72
01/31/94	21:00	6.45	24.32	271.3	287.8	0.28	7.45	7.66	1.12	0.41	2.06	36.90	37.80	14.99	6.73
02/01/94	00:00	6.68	29.03	351.8	299.8	0.30	7.53	7.80	0.88	0.71	3.55	41.30	30.63	17.61	5.32
02/01/94	03:00	6.17	19.65	47.3	301.8	0.21	7.82	11.54	1.12	1.23	3.92	52.96	23.24	14.57	2.96
02/01/94	06:00	5.83	23.11	147.0	306.6	0.13	8.57	9.64	1.12	0.75	5.45	60.65	22.06	8.40	1.56
02/01/94	09:00	6.31	16.37	274.0	291.8	0.21	7.82	10.11	1.25	0.34	3.65	48.43	25.93	17.95	2.45
02/01/94	12:00	6.60	21.47	333.8	292.5	0.21	7.88	11.54	1.22	0.71	6.88	46.53	26.87	13.76	4.03
02/01/94	15:00	6.18	20.37	78.1	294.7	0.16	8.22	10.64	1.31	1.44	9.89	52.91	17.04	11.17	6.24
02/01/94	18:00	5.86	32.12	160.1	163.7	0.18	3.88	3.58	1.62	0.56	1.98	18.56	6.45	6.66	64.18
02/01/94	21:00	6.27	17.16	236.1	185.5	0.21	6.69	7.38	1.07	0.34	1.98	31.35	38.02	6.20	21.04
02/02/94	00:00	6.72	15.42	307.7	318.2	0.20	6.87	10.11	1.41	0.65	3.25	43.09	23.57	9.82	18.21
02/02/94	03:00	6.45	23.74	28.8	281.8	0.35	4.96	3.81	1.03	0.50	3.44	24.77	6.43	24.21	39.62
02/02/94	06:00	6.00	22.87	117.1	187.8	0.51	4.35	4.68	0.75	0.23	1.07	6.89	2.14	63.28	25.63
02/02/94	09:00	6.26	18.41	210.7	189.7	0.56	4.58	4.53	0.89	0.29	0.43	7.65	3.92	64.07	22.74
02/02/94	12:00	6.66	18.11	312.3	215.5	0.44	5.02	5.73	1.36	0.42	1.65	11.16	15.08	48.07	22.27

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/02/94	15:00	6.43	23.12	28.7	282.7	0.37	5.33	6.16	0.79	0.42	1.42	13.45	24.50	37.38	22.04
02/02/94	18:00	5.94	20.14	102.9	301.2	0.26	4.96	4.12	0.85	0.39	1.97	19.11	18.33	31.33	28.02
02/02/94	21:00	6.07	6.80	169.9	304.4	0.20	6.17	6.77	1.00	0.46	1.76	25.03	29.48	20.24	22.03
02/03/94	00:00	6.61	20.07	311.2	285.7	0.22	7.09	9.00	1.04	0.64	1.24	37.56	27.81	24.59	7.11
02/03/94	03:00	6.49	30.72	3.3	331.4	0.19	7.24	9.87	1.19	0.75	5.20	42.21	22.80	17.29	10.56
02/03/94	06:00	5.88	23.65	73.2	272.9	0.13	8.61	9.42	1.40	1.11	9.98	57.87	17.68	5.16	6.81
02/03/94	09:00	5.78	21.57	149.4	296.1	0.17	5.32	10.92	1.33	1.23	3.46	37.32	13.51	6.73	36.43
02/03/94	12:00	6.16	13.42	249.4	277.9	0.14	5.97	9.42	4.03	1.22	4.15	36.46	15.05	16.14	22.94
02/03/94	15:00	6.18	11.74	243.2	272.1	0.18	5.67	5.35	1.92	0.85	2.47	31.13	6.36	34.43	22.84
02/03/94	18:00	5.81	19.28	156.3	320.0	0.10	6.38	11.54	3.06	2.57	4.41	39.21	11.40	17.56	21.78
02/03/94	21:00	5.77	38.23	167.8	351.6	0.05	6.44	9.20	3.05	1.02	3.02	39.20	14.10	18.69	20.92
02/04/94	00:00	6.32	12.39	233.0	287.6	0.14	7.42	9.64	1.22	0.78	2.99	45.50	18.97	23.15	7.39
02/04/94	03:00	6.49	20.27	337.7	290.1	0.22	5.77	5.29	0.59	0.57	1.25	9.82	20.90	61.01	5.86
02/04/94	06:00	6.04	20.00	57.9	262.4	0.14	6.08	4.85	2.09	1.74	3.52	16.89	12.21	52.25	11.30
02/04/94	09:00	5.69	23.61	142.4	299.0	0.11	5.31	4.33	1.75	1.00	4.15	20.08	13.49	27.33	32.20
02/04/94	12:00	6.02	11.84	228.9	307.4	0.20	6.54	6.16	8.03	2.61	5.14	20.13	21.15	33.90	9.04
02/04/94	15:00	6.20	11.32	321.4	291.1	0.14	5.83	5.57	1.85	1.02	4.41	26.32	9.97	40.09	16.34
02/04/94	18:00	5.89	14.14	56.2	287.3	0.14	6.46	10.11	1.73	1.54	5.28	31.50	18.01	30.10	11.84
02/04/94	21:00	5.55	22.87	150.9	311.1	0.09	5.79	10.64	1.95	1.58	4.68	23.32	11.32	34.50	22.66
02/05/94	00:00	5.94	17.50	228.4	283.8	0.12	6.65	9.42	1.40	0.67	5.03	39.03	18.86	18.72	16.28
02/05/94	03:00	6.33	23.93	322.4	314.3	0.13	5.17	4.08	1.68	1.24	5.82	20.47	11.09	30.48	29.22
02/05/94	06:00	6.16	16.94	358.7	347.1	0.10	7.19	9.42	2.64	2.56	10.36	38.86	11.08	22.49	12.00
02/05/94	09:00	5.65	11.53	119.3	323.5	0.09	8.16	10.37	14.16	2.78	8.31	38.45	8.36	19.24	8.68
02/05/94	12:00	5.74	6.08	192.6	311.3	0.10	7.59	9.20	2.81	1.83	9.01	44.22	20.87	12.61	8.65
02/05/94	15:00	6.11	13.47	270.1	268.0	0.14	5.72	8.81	2.28	1.07	4.10	28.15	19.76	17.94	26.69
02/05/94	18:00	6.04	8.94	321.9	267.3	0.13	6.94	9.00	2.42	1.35	5.90	36.22	17.27	26.05	10.78
02/05/94	21:00	5.60	17.48	113.4	299.7	0.10	8.09	5.22	6.11	1.90	4.85	34.28	14.16	36.23	2.47

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/06/94	00:00	5.83	15.99	197.7	323.6	0.14	6.97	5.15	5.13	1.35	5.86	22.40	15.44	41.45	8.37
02/06/94	03:00	6.34	11.99	291.0	310.6	0.12	6.44	9.20	2.88	1.06	5.23	31.23	17.12	25.49	16.99
02/06/94	06:00	6.45	23.97	352.8	339.8	0.12	8.09	7.66	3.02	1.23	5.88	40.21	35.84	8.32	5.50
02/06/94	09:00	5.94	13.50	65.9	281.2	0.17	7.53	7.66	2.46	1.20	3.08	25.50	36.94	28.89	1.93
02/06/94	12:00	5.81	13.15	153.3	329.8	0.11	8.13	7.38	2.89	1.49	5.72	42.32	31.36	14.83	1.40
02/06/94	15:00	6.23	13.43	261.8	275.6	0.12	7.85	8.62	2.48	1.87	4.64	45.59	22.67	17.60	5.14
02/06/94	18:00	6.36	20.53	353.1	169.2	0.13	8.16	8.45	10.14	2.92	14.04	31.79	20.71	16.53	3.88
02/06/94	21:00	5.89	16.82	76.6	287.2	0.14	8.33	9.87	2.37	1.52	6.36	60.41	12.43	12.68	4.22
02/07/94	00:00	5.79	24.70	160.7	315.9	0.11	8.16	9.20	2.87	1.59	8.25	45.07	22.39	14.46	5.39
02/07/94	03:00	6.33	20.39	263.9	304.4	0.17	6.76	9.00	1.52	0.84	3.52	32.20	23.15	31.10	7.67
02/07/94	06:00	6.59	19.09	348.4	301.5	0.17	6.63	9.20	1.65	0.73	5.03	32.30	19.25	30.05	10.99
02/07/94	09:00	6.15	20.90	54.7	294.4	0.18	7.61	10.64	1.35	1.64	7.57	44.41	17.28	21.94	5.83
02/07/94	12:00	5.76	24.50	144.4	291.9	0.09	7.70	9.64	2.90	1.20	6.24	47.61	18.03	17.76	6.27
02/07/94	15:00	6.09	15.76	224.2	305.0	0.14	7.76	7.95	1.76	0.71	4.47	46.27	28.92	13.96	3.92
02/07/94	18:00	6.48	7.10	330.9	293.8	0.16	7.45	5.57	4.17	0.76	7.26	35.91	16.79	27.15	7.96
02/07/94	21:00	6.13	16.71	76.8	260.4	0.13	8.46	11.22	2.30	1.60	9.36	53.92	21.97	8.29	2.58
02/08/94	00:00	5.77	25.93	147.7	319.6	0.10	7.26	9.87	4.43	1.17	8.76	44.07	12.80	7.27	21.50
02/08/94	03:00	6.15	19.20	222.6	278.6	0.14	7.85	9.42	2.61	1.13	6.93	47.04	23.18	16.92	2.18
02/08/94	06:00	6.60	19.25	313.7	275.5	0.16	7.97	9.87	1.64	1.26	6.53	38.14	30.47	18.73	3.22
02/08/94	09:00	6.32	17.42	23.0	241.4	0.18	8.36	10.11	1.73	1.22	13.72	42.84	25.41	9.20	5.88
02/08/94	12:00	5.73	11.51	104.2	290.2	0.11	8.33	10.92	2.73	2.13	12.26	49.97	20.71	3.88	8.32
02/08/94	15:00	5.97	15.86	202.4	340.8	0.14	7.88	9.64	2.37	1.53	4.33	51.75	23.88	8.89	7.26
02/08/94	18:00	6.52	10.82	263.4	284.9	0.18	6.87	10.92	1.93	1.10	4.83	38.75	20.65	22.02	10.73
02/08/94	21:00	6.31	14.73	54.9	291.1	0.24	5.95	10.92	2.01	1.22	9.25	24.79	11.79	31.32	19.63
02/09/94	00:00	5.77	22.96	142.6	317.0	0.18	5.15	4.00	1.85	0.99	5.88	16.69	11.24	29.99	33.36
02/09/94	03:00	5.96	17.80	191.9	286.2	0.21	6.32	5.43	2.13	0.73	2.22	20.67	23.04	37.00	14.21
02/09/94	06:00	6.59	24.06	310.6	245.6	0.31	6.32	7.00	1.08	0.73	1.72	16.56	28.26	42.55	9.10

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/09/94	09:00	6.57	26.12	352.2	319.8	0.26	7.82	8.11	1.52	0.68	4.48	48.65	28.43	11.28	4.97
02/09/94	12:00	5.93	13.95	55.5	271.0	0.23	8.09	7.95	1.69	0.45	5.47	55.01	24.19	9.87	3.33
02/09/94	15:00	5.95	19.21	167.2	300.5	0.19	7.70	10.11	1.42	0.68	2.01	43.86	36.70	13.60	1.73
02/09/94	18:00	6.59	16.61	301.0	298.6	0.28	6.46	7.80	1.16	0.64	1.21	21.37	40.39	29.86	5.37
02/09/94	21:00	6.87	8.14	252.5	193.8	1.03	5.32	5.35	0.56	0.11	0.30	1.42	19.02	71.47	7.12
02/10/94	00:00	6.31	29.12	125.3	192.9	0.96	5.13	5.73	0.52	0.12	0.36	1.31	10.77	75.68	11.24
02/10/94	03:00	6.33	35.52	178.7	187.6	1.00	5.00	5.29	0.54	0.11	0.27	0.85	7.60	77.20	13.44
02/10/94	06:00	6.88	23.05	250.2	183.2	0.80	5.06	5.35	0.67	0.17	0.40	3.40	11.36	70.37	13.64
02/10/94	09:00	7.09	16.16	332.6	185.8	0.80	5.40	5.65	0.71	0.27	0.46	5.14	16.53	67.18	9.71
02/10/94	12:00	6.46	24.57	66.3	173.3	0.62	5.45	5.73	0.96	0.22	1.28	15.66	12.13	56.88	12.88
02/10/94	15:00	6.11	22.26	146.6	314.1	0.40	5.87	9.42	1.02	0.22	0.89	27.57	16.91	38.04	15.34
02/10/94	18:00	6.61	20.61	272.3	281.5	0.50	5.40	8.11	0.96	0.24	0.56	23.62	21.91	27.01	25.69
02/10/94	21:00	6.86	21.55	349.4	173.1	0.69	5.12	4.85	0.89	0.24	1.06	11.67	9.47	65.65	11.02
02/11/94	00:00	6.41	25.13	50.7	166.0	0.77	5.22	5.22	0.74	0.21	1.71	10.13	17.35	59.34	10.51
02/11/94	03:00	6.09	18.11	122.6	204.8	0.56	5.25	4.91	0.68	0.36	1.59	12.76	17.94	46.30	20.37
02/11/94	06:00	6.61	20.81	228.4	171.0	0.82	5.08	4.91	0.77	0.26	0.49	11.62	14.06	58.55	14.25
02/11/94	09:00	6.89	11.85	320.2	179.4	0.73	5.49	5.43	1.00	0.20	1.22	9.31	21.15	57.47	9.66
02/11/94	12:00	6.40	13.90	59.7	296.9	0.50	6.13	7.95	0.80	0.21	2.13	21.37	27.88	32.45	15.17
02/11/94	15:00	6.08	36.90	155.6	176.5	0.58	4.86	4.74	0.86	0.21	0.57	11.35	10.68	56.76	19.56
02/11/94	18:00	6.52	17.97	249.3	308.5	0.54	5.80	8.27	0.83	0.31	0.47	23.49	27.00	32.03	15.88
02/11/94	21:00	6.85	22.15	331.1	288.0	0.48	6.28	8.62	1.05	0.30	1.22	34.00	17.23	31.22	14.97
02/12/94	00:00	6.55	18.89	52.1	184.0	0.64	5.36	4.79	0.80	0.20	0.83	14.97	9.01	61.81	12.38
02/12/94	03:00	6.15	25.99	126.9	185.5	0.61	4.98	4.58	0.81	0.18	0.65	13.13	6.83	58.74	19.66
02/12/94	06:00	6.47	14.65	245.8	301.2	0.60	5.66	8.62	0.91	0.17	0.51	27.00	17.16	37.22	17.04
02/12/94	09:00	6.92	25.03	326.3	298.4	0.46	6.28	9.64	1.01	0.27	1.10	37.33	17.92	28.93	13.44
02/12/94	12:00	6.60	26.43	23.8	294.9	0.46	5.49	10.64	0.97	0.30	1.28	28.56	12.12	41.59	15.18
02/12/94	15:00	6.09	24.00	112.2	344.6	0.39	4.84	4.12	0.94	0.34	1.10	21.55	8.03	41.31	26.73

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/12/94	18:00	6.38	7.74	216.5	311.5	0.38	5.40	4.29	1.29	0.25	0.63	29.56	12.97	30.87	24.44
02/12/94	21:00	6.82	25.39	307.4	314.9	0.28	7.67	10.64	1.10	0.48	1.67	55.90	18.85	13.66	8.34
02/13/94	00:00	6.57	20.68	11.5	302.7	0.28	8.16	11.54	1.36	0.33	9.25	55.73	15.41	13.00	4.92
02/13/94	03:00	6.07	16.21	123.8	315.0	0.19	8.90	10.64	1.49	0.44	11.65	55.11	19.50	5.79	6.02
02/13/94	06:00	6.22	8.08	198.4	300.8	0.21	8.57	10.11	1.56	0.28	4.51	61.04	22.44	8.38	1.80
02/13/94	09:00	6.72	19.50	299.6	309.4	0.29	9.02	9.87	1.46	0.42	11.06	61.38	13.41	6.78	5.48
02/13/94	12:00	6.48	13.34	2.9	287.2	0.27	8.00	11.87	1.52	0.41	37.09	35.22	6.36	2.85	16.55
02/13/94	15:00	5.96	25.66	105.5	348.3	0.15	9.94	12.23	2.45	0.44	41.35	42.09	6.43	4.20	3.04
02/13/94	18:00	6.16	19.70	189.0	294.5	0.17	9.53	10.92	2.01	0.36	10.30	67.14	11.65	7.73	0.81
02/13/94	21:00	6.66	9.06	272.9	307.4	0.20	9.62	11.22	1.66	0.33	9.70	70.75	12.56	4.30	0.70
02/14/94	00:00	6.59	9.90	37.4	299.4	0.22	7.29	11.22	1.51	0.50	16.71	45.01	6.41	7.19	22.67
02/14/94	03:00	6.02	27.49	132.8	319.2	0.18	5.40	11.54	1.32	0.37	6.29	28.38	2.87	28.31	32.45
02/14/94	06:00	6.08	17.59	183.5	251.2	0.11	6.85	10.11	1.32	0.46	2.66	57.26	7.78	3.94	26.59
02/14/94	09:00	6.49	17.61	282.6	293.7	0.14	7.59	9.00	2.38	0.64	4.03	55.41	10.52	15.04	11.98
02/14/94	12:00	6.40	11.94	5.7	302.1	0.15	7.64	11.22	2.05	1.14	7.76	33.00	14.90	30.28	10.87
02/14/94	15:00	5.88	29.38	115.6	329.9	0.08	8.64	11.22	2.92	1.30	15.30	57.52	5.77	6.45	10.75
02/14/94	18:00	5.95	13.26	184.2	307.7	0.07	7.67	9.87	3.03	0.84	7.45	40.28	12.86	30.76	4.78
02/14/94	21:00	6.43	12.31	270.5	270.0	0.11	8.19	11.22	1.77	0.70	6.67	51.75	20.99	14.30	3.81
02/15/94	00:00	6.45	10.70	13.5	289.1	0.11	8.71	10.92	1.86	0.97	16.62	45.74	16.41	15.73	2.66
02/15/94	03:00	5.93	16.20	71.1	273.5	0.09	8.83	12.23	4.17	1.20	21.05	36.96	25.30	9.76	1.56
02/15/94	06:00	5.80	16.06	157.8	314.6	0.07	7.85	9.64	1.79	0.75	9.58	38.75	28.95	18.06	2.12
02/15/94	09:00	6.17	12.21	267.8	280.3	0.12	6.08	6.55	2.42	1.02	4.66	20.52	27.41	23.70	20.26
02/15/94	12:00	6.17	14.1	325.1	301.9	0.14	5.33	11.87	2.50	1.00	6.46	17.69	23.13	19.65	29.58
02/15/94	15:00	5.66	18.45	124.4	314.2	0.09	6.61	8.27	2.01	1.54	10.48	29.15	22.52	17.51	16.80
02/15/94	18:00	5.71	21.29	175.4	313.1	0.10	6.30	4.79	1.69	0.88	4.98	20.47	10.90	50.58	10.50
02/15/94	21:00	6.15	22.23	260.3	313.9	0.12	5.72	3.96	1.65	0.80	4.26	19.35	10.64	40.40	22.90
02/16/94	00:00	6.32	17.99	336.3	296.5	0.16	5.24	4.91	2.61	0.96	3.93	10.58	7.11	55.62	19.18

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/16/94	03:00	5.9	19.89	57.1	238.8	0.10	7.19	10.37	2.29	2.15	12.61	32.01	15.21	27.09	8.63
02/16/94	06:00	5.84	10.99	128.5	300	0.10	7.19	5.89	1.37	0.85	5.21	26.01	39.73	23.81	3.02
02/16/94	09:00	6.23	16.01	245.7	295	0.14	6.52	6.66	1.94	0.94	3.36	15.52	33.28	35.36	9.60
02/16/94	12:00	6.42	15.96	335.5	293.5	0.13	6.78	7.00	1.34	1.04	6.08	20.63	41.65	22.71	6.56
02/16/94	15:00	6.02	19.23	66.4	288.2	0.13	7.04	6.77	1.46	1.76	8.27	18.99	27.01	33.70	8.81
02/16/94	18:00	5.89	15.7	148.9	317.5	0.17	7.16	99.99	26.70	2.19	9.04	27.19	9.22	11.46	14.19
02/16/94	21:00	6.24	10.93	250.2	296.5	0.13	6.71	9.87	2.00	1.17	9.78	34.72	8.59	25.43	18.33
02/17/94	00:00	6.52	18.96	334.4	283.8	0.12	7.39	10.11	2.32	1.20	9.36	35.09	21.79	22.41	7.83
02/17/94	03:00	6.18	17.21	51.4	330.9	0.11	7.94	11.54	1.92	1.83	15.15	41.02	13.40	22.77	3.90
02/17/94	06:00	6	11.3	147.5	325.8	0.16	7.14	5.03	1.34	1.07	4.76	20.01	6.22	60.57	6.03
02/17/94	09:00	6.23	11.18	206.2	306	0.11	7.88	9.42	2.13	1.62	8.02	46.24	14.85	20.80	6.34
02/17/94	12:00	6.48	12.2	312.1	317.1	0.16	6.42	5.57	1.25	0.93	3.88	29.43	11.02	44.26	9.24
02/17/94	15:00	6.18	9.75	96.2	320.4	0.26	7.88	8.62	12.24	7.35	14.73	46.57	9.11	6.32	3.68
02/17/94	18:00	5.96	22.22	156.2	275.1	0.13	7.21	9.64	1.26	1.30	5.98	35.25	25.30	21.49	9.42
02/17/94	21:00	6.22	15.94	243.7	280.2	0.12	6.85	6.45	1.47	0.71	4.93	28.89	31.93	25.27	6.81
02/18/94	00:00	6.55	22.84	301.9	272.8	0.15	6.94	9.20	1.11	0.68	4.51	32.06	21.86	33.01	6.78
02/18/94	03:00	6.35	14.8	45.9	299.5	0.16	7.11	10.11	1.41	1.42	5.59	36.85	22.61	28.01	4.12
02/18/94	06:00	6.02	11.46	136.6	310.8	0.13	7.61	10.64	1.26	1.50	6.13	42.91	23.60	20.51	4.09
02/18/94	09:00	6.1	15.02	183.8	287.3	0.13	7.64	8.81	2.69	1.18	8.47	41.93	17.34	21.31	7.10
02/18/94	12:00	6.37	13.41	214.5	291	0.15	7.61	8.27	1.47	1.27	8.33	40.56	18.62	22.92	6.83
02/18/94	15:00	6.2	11.26	143.7	310	0.15	7.50	9.20	1.97	1.54	9.10	41.98	18.32	22.71	4.38
02/18/94	18:00	5.93	17.33	146.8	4.1	0.11	8.39	11.87	1.23	1.33	14.17	54.05	11.50	13.74	3.98
02/18/94	21:00	6.02	24.44	200.2	349.9	0.13	8.36	10.37	1.46	1.27	9.74	56.00	14.24	14.39	2.90
02/19/94	00:00	6.41	10.32	281.1	305.3	0.18	8.53	10.64	1.51	0.90	8.05	56.94	15.25	15.22	2.12
02/19/94	03:00	6.34	7.48	18.5	299.1	0.20	8.61	10.92	1.35	1.10	14.70	59.11	11.33	10.82	1.59
02/19/94	06:00	6.01	10.16	78.2	297.7	0.17	9.53	10.64	1.84	1.59	16.07	59.29	11.58	8.26	1.38
02/19/94	09:00	5.95	11.07	161.2	308.6	0.13	8.53	8.62	1.56	0.82	11.79	52.34	18.18	12.71	2.59

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	T _p (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/19/94	12:00	6.24	11.98	246.8	243.3	0.20	7.37	10.64	1.11	0.46	4.21	40.64	27.13	23.10	3.35
02/19/94	15:00	6.24	11.76	50.7	289.6	0.23	7.45	5.73	1.00	0.49	5.11	35.23	26.93	28.48	2.76
02/19/94	18:00	5.98	10.41	98.2	302.3	0.21	7.53	9.20	1.11	0.39	6.47	40.01	30.98	19.06	1.97
02/19/94	21:00	5.94	10.76	170.4	301.2	0.20	7.45	8.27	1.50	0.37	4.90	39.81	23.12	26.65	3.66
02/20/94	00:00	6.33	14.38	285	293.5	0.25	7.42	8.62	1.54	0.80	4.87	42.07	21.66	25.00	4.07
02/20/94	03:00	6.46	20.08	354	291.4	0.29	7.26	8.62	1.76	1.24	5.70	33.78	27.71	25.81	4.00
02/20/94	06:00	6.19	21.96	22.7	310	0.25	7.85	9.64	2.39	1.63	6.13	48.69	22.02	16.53	2.61
02/20/94	09:00	5.96	10.47	130.4	304.3	0.21	7.76	11.22	1.91	2.14	5.77	51.00	19.69	17.71	1.78
02/20/94	12:00	6.17	6.59	15.6	296.8	0.25	7.64	9.00	1.51	2.65	3.73	46.59	22.44	20.25	2.82
02/20/94	15:00	6.3	12.03	76.5	289.1	0.28	7.34	9.42	1.89	2.89	3.35	42.16	22.18	22.05	5.48
02/20/94	18:00	6.11	15.78	136.7	306.9	0.25	7.59	9.64	2.00	2.82	5.46	45.36	21.16	18.85	4.37
02/20/94	21:00	5.86	24.94	160.4	306	0.18	7.47	9.87	1.74	2.51	4.90	46.57	21.47	20.61	2.20
02/21/94	00:00	6.16	19.48	255.4	312	0.23	7.39	9.20	2.64	3.03	5.04	36.25	24.75	25.55	2.75
02/21/94	03:00	6.45	6.41	276.9	294.2	0.32	7.09	10.64	1.65	1.66	4.67	36.33	18.72	31.85	5.13
02/21/94	06:00	6.25	17.38	32.3	285.4	0.27	7.59	11.54	2.17	2.11	6.78	38.14	27.40	19.85	3.54
02/21/94	09:00	5.86	12.81	129.5	306.2	0.18	8.06	11.87	2.01	1.57	9.42	42.79	22.53	18.46	3.21
02/21/94	12:00	5.91	11.93	210.3	310.4	0.18	7.61	10.11	1.58	1.27	6.59	49.53	18.76	19.68	2.57
02/21/94	15:00	6.23	8.65	245.8	293.4	0.26	7.01	9.42	1.54	1.46	3.60	43.69	14.89	28.81	6.01
02/21/94	18:00	6.2	16.89	67.1	286.9	0.23	7.94	10.11	2.88	3.19	11.96	41.39	14.67	21.48	4.41
02/21/94	21:00	5.84	16.22	131.5	309.7	0.18	7.19	11.22	1.63	2.97	14.12	43.44	10.06	8.60	19.18
02/22/94	00:00	5.99	8.92	182.3	310.3	0.18	7.53	9.87	2.10	2.11	4.26	45.68	16.07	17.27	12.52
02/22/94	03:00	6.45	10.85	314.5	303.4	0.25	7.88	9.87	1.69	2.29	4.13	53.45	18.26	16.55	3.63
02/22/94	06:00	6.46	19.42	19.6	304.8	0.23	8.94	10.64	1.77	1.92	12.07	56.78	16.13	9.36	1.97
02/22/94	09:00	6.03	13.51	59.3	319.8	0.23	7.47	6.16	1.36	1.53	6.81	21.55	41.80	22.37	4.59
02/22/94	12:00	5.97	13.56	149.1	344.5	0.23	4.93	10.92	1.70	1.53	4.25	32.00	7.07	7.79	45.66
02/22/94	15:00	6.39	19.83	236.3	305.7	0.24	7.14	9.64	2.19	1.73	3.75	53.65	7.60	9.18	21.89
02/22/94	18:00	6.49	13.81	29.3	222.8	0.22	7.79	11.22	1.74	1.65	5.51	53.83	9.27	16.16	11.83

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/22/94	21:00	6.06	24.09	79.5	3.2	0.20	7.37	10.92	1.12	1.90	3.47	47.50	14.31	16.59	15.10
02/23/94	00:00	5.96	15.41	166	287.1	0.21	4.92	10.11	1.43	1.35	3.06	25.72	9.62	14.90	43.92
02/23/94	03:00	6.53	19.07	277.3	266.8	0.49	4.34	4.24	1.34	0.75	1.38	13.40	6.60	39.26	37.27
02/23/94	06:00	6.65	33.74	345.6	290.7	0.43	4.93	4.38	1.37	1.18	1.53	16.76	8.34	45.95	24.88
02/23/94	09:00	6.2	25.45	37	296.8	0.32	6.01	6.88	1.23	0.57	1.12	18.45	29.66	35.14	13.83
02/23/94	12:00	5.92	28.58	149.3	313.6	0.22	6.08	10.37	1.07	0.53	0.99	20.47	25.96	40.18	10.80
02/23/94	15:00	6.38	20.56	225.5	286.8	0.25	6.02	6.45	1.23	0.31	1.53	16.84	33.52	37.24	9.33
02/23/94	18:00	6.64	5.76	297.3	303.1	0.35	6.74	6.88	0.96	0.34	1.31	20.29	49.04	23.17	4.89
02/23/94	21:00	6.33	13.26	55.2	296.4	0.37	8.61	9.20	1.21	0.30	1.36	63.83	21.72	9.86	1.72
02/24/94	00:00	5.96	19.76	154.1	300.5	0.25	8.75	9.00	1.36	0.34	1.31	70.07	18.85	6.57	1.50
02/24/94	03:00	6.45	14.52	249.9	301.1	0.41	7.70	9.00	0.93	0.22	0.92	51.27	31.48	13.12	2.05
02/24/94	06:00	6.81	26.3	351.4	294.9	0.48	7.70	9.42	1.04	0.35	1.56	54.48	26.24	12.96	3.37
02/24/94	09:00	6.43	25.28	24.3	295.6	0.39	7.47	9.87	1.33	0.81	3.38	58.18	12.83	6.37	17.10
02/24/94	12:00	5.92	28.57	129	344	0.19	8.06	9.64	1.49	0.97	4.26	65.77	11.97	3.33	12.21
02/24/94	15:00	6.24	32.07	204.3	335.7	0.22	8.22	9.00	1.55	0.57	1.43	55.78	27.66	9.34	3.68
02/24/94	18:00	6.81	7.71	314.2	307.9	0.32	7.82	9.64	1.19	0.72	3.32	56.03	19.40	12.52	6.83
02/24/94	21:00	6.47	15.21	71	297.1	0.24	6.42	10.37	1.98	1.81	5.47	45.03	11.88	8.28	25.55
02/25/94	00:00	5.94	35.44	154	321.2	0.09	6.38	10.11	2.76	2.46	5.23	45.52	13.15	7.95	22.92
02/25/94	03:00	6.23	30.12	216.2	242.2	0.10	7.42	8.45	2.24	0.94	5.78	45.16	29.09	3.88	12.91
02/25/94	06:00	6.76	11.81	282.3	299.7	0.22	7.16	9.64	1.20	0.70	3.99	31.06	36.75	22.94	3.36
02/25/94	09:00	6.56	16.67	58.9	279.5	0.19	8.06	9.64	1.24	2.67	7.16	41.80	24.64	19.22	3.27
02/25/94	12:00	5.82	29.17	148.1	339.2	0.11	7.79	6.45	2.60	0.93	1.75	19.67	61.38	9.54	4.12
02/25/94	15:00	5.87	29.12	193.9	320.1	0.07	7.21	8.11	3.88	0.86	6.75	47.27	14.77	9.66	16.81
02/25/94	18:00	6.51	25.66	273.9	266.9	0.25	5.57	9.00	2.06	0.75	3.25	27.63	19.75	14.95	31.61
02/25/94	21:00	6.33	16.52	35	292.6	0.21	6.01	9.00	1.49	1.51	5.04	35.20	15.95	15.07	25.74
02/26/94	00:00	5.59	24.92	104.4	340.5	0.13	4.91	10.64	1.58	1.40	5.28	32.14	4.20	15.17	40.24
02/26/94	03:00	5.52	31.77	173.5	22.7	0.16	3.71	3.19	2.23	0.41	2.41	13.62	4.02	8.43	68.88

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
02/26/94	06:00	6.3	27.06	268.1	292	0.16	6.36	8.11	1.41	0.84	3.46	37.12	25.90	17.10	14.18
02/26/94	09:00	6.58	4.13	172.7	162.7	0.56	4.48	4.16	1.13	0.59	1.28	5.98	2.76	66.46	21.80
02/26/94	12:00	5.83	47.24	147.9	160.6	0.50	4.39	5.73	0.84	0.12	0.29	0.70	4.69	65.96	27.40
02/26/94	15:00	5.74	42.26	179.6	189	0.56	4.28	3.88	0.71	0.19	0.44	0.79	2.52	62.14	33.21
02/26/94	18:00	6.38	23.89	258.7	186.4	0.58	4.51	4.58	0.90	0.18	0.53	1.51	2.44	73.26	21.19
02/26/94	21:00	6.63	16.56	351	182.2	0.76	4.96	5.29	0.48	0.15	0.18	0.69	4.68	83.02	10.80
02/27/94	00:00	6	32.03	109.1	184.9	0.61	4.65	5.03	0.58	0.17	0.38	1.29	3.29	74.90	19.39
02/27/94	03:00	5.74	31.49	159.8	178.8	0.56	4.40	5.15	0.60	0.12	0.28	0.64	2.51	65.60	30.26
02/27/94	06:00	6.35	22.02	259.9	188.6	0.60	4.62	5.15	0.90	0.37	0.37	1.39	3.98	75.88	17.10
02/27/94	09:00	6.72	27.09	345.5	186.4	0.63	5.07	5.50	0.57	0.22	0.29	1.69	9.86	77.52	9.85
02/27/94	12:00	6.1	24.18	63.3	202.1	0.55	4.86	5.03	0.73	0.29	0.38	4.20	9.28	68.82	16.30
02/27/94	15:00	5.63	26.13	138.9	210.1	0.36	4.39	5.15	0.48	0.18	0.33	1.32	1.67	67.06	28.95
02/27/94	18:00	6.21	24.09	261.7	169.7	0.24	4.56	4.29	1.85	0.92	2.25	7.67	11.21	46.13	29.96
02/27/94	21:00	6.64	30.72	341.3	188.2	0.42	4.65	4.48	1.58	0.58	0.92	3.00	3.96	74.87	15.09
02/28/94	00:00	6.15	25.54	56.5	200.8	0.68	4.71	5.15	0.48	0.21	0.30	1.26	5.04	78.21	14.51
02/28/94	03:00	5.63	34.3	148.7	174.3	0.44	4.29	4.79	0.76	0.16	0.25	0.90	1.51	65.65	30.77
02/28/94	06:00	6.07	23.46	234.1	187.5	0.34	4.31	4.48	1.41	0.66	1.56	3.65	5.40	58.74	28.59
02/28/94	09:00	6.61	27.78	325.2	162.6	0.21	4.76	3.92	2.49	1.49	1.92	7.30	11.60	49.62	25.58
02/28/94	12:00	6.19	24.89	49.9	220.2	0.18	5.52	8.27	2.45	2.24	3.89	19.08	17.02	33.58	21.75
02/28/94	15:00	5.54	32.27	141.3	337.9	0.10	4.36	3.78	3.26	1.45	1.82	16.52	6.38	15.57	55.00
02/28/94	18:00	5.94	19.14	235.1	283	0.12	6.59	7.52	2.07	2.27	6.49	17.67	39.78	14.82	16.89
02/28/94	21:00	6.58	36.41	328.1	329.1	0.11	6.78	6.66	2.19	2.79	5.23	17.87	35.09	24.92	11.92
03/01/94	00:00	6.36	36.13	12	209.5	0.13	7.50	7.80	1.95	5.84	4.63	33.44	26.15	22.26	5.72
03/01/94	03:00	5.67	24.19	119	340.2	0.09	7.06	9.00	2.76	8.63	6.34	31.28	19.90	22.73	8.36
03/01/94	06:00	5.86	13.43	191.5	309.3	0.13	6.46	14.37	1.73	3.19	14.80	21.03	30.33	9.72	19.21
03/01/94	09:00	6.53	29.89	308.8	284.1	0.16	5.80	5.65	3.76	3.25	9.44	13.13	17.85	32.78	19.78
03/01/94	12:00	6.42	23.96	183.4	339	0.15	6.99	9.00	2.49	5.39	12.90	31.55	17.71	15.81	14.15

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/01/94	15:00	5.76	19.97	134.3	295.6	0.12	5.54	9.00	2.51	6.18	4.94	24.27	11.90	18.73	31.46
03/01/94	18:00	5.89	20.06	181.8	286.8	0.19	4.54	4.04	2.24	4.94	9.53	9.62	10.26	20.21	43.20
03/01/94	21:00	6.64	30.7	297.1	291.3	0.24	4.10	3.85	2.74	2.76	7.39	4.73	6.87	22.07	53.45
03/02/94	00:00	6.75	43.26	354.5	284.3	0.73	4.67	4.79	0.86	1.49	1.29	1.36	3.72	78.10	13.19
03/02/94	03:00	6.26	23.05	37.1	270.5	1.33	5.57	4.91	0.37	0.20	0.22	1.47	32.76	60.72	4.27
03/02/94	06:00	6.17	15.99	178.6	275.9	1.29	5.51	7.66	0.77	0.22	0.30	10.55	24.13	58.74	5.30
03/02/94	09:00	6.7	28.97	279.5	287.6	1.20	6.01	7.66	0.95	0.30	0.58	16.73	32.41	41.45	7.58
03/02/94	12:00	6.8	28.59	354.2	292.4	0.92	6.78	9.00	1.03	0.44	0.81	41.49	24.33	24.86	7.04
03/02/94	15:00	6.29	24.19	45.7	289.8	1.06	6.97	9.20	1.05	0.29	1.12	47.02	13.53	31.52	5.48
03/02/94	18:00	6.12	22.13	174.3	296.8	0.93	8.13	10.11	1.94	0.49	3.44	61.31	14.09	15.66	3.07
03/02/94	21:00	6.62	15.39	263.3	291.4	1.12	8.61	11.22	3.17	1.39	12.79	47.29	19.99	13.53	1.84
03/03/94	00:00	6.91	32.99	318.3	291.5	1.09	9.53	13.00	3.18	1.90	29.16	40.29	15.76	5.73	3.99
03/03/94	03:00	6.46	6.01	328.5	300.3	0.79	10.40	13.43	2.64	5.73	41.34	35.01	7.71	2.30	5.26
03/03/94	06:00	6.08	25.59	173.5	295.1	0.39	10.84	11.22	3.66	4.23	34.16	46.38	8.51	2.15	0.91
03/03/94	09:00	6.4	18.44	223	316.1	0.53	10.95	11.87	3.17	1.97	30.57	52.94	7.95	1.87	1.52
03/03/94	12:00	6.82	7.02	285.8	316.1	0.54	11.25	14.37	5.18	9.17	49.82	24.58	6.62	3.19	1.45
03/03/94	15:00	6.55	21.78	139.3	324.7	0.49	8.46	14.89	4.55	14.25	39.78	12.65	2.93	7.39	18.45
03/03/94	18:00	6.18	42.71	161.9	328.9	0.41	6.83	12.60	1.84	3.14	35.05	9.36	2.54	34.39	13.67
03/03/94	21:00	6.46	24.7	216.5	306	0.51	8.94	11.54	1.98	1.10	33.77	44.35	2.89	8.45	7.45
03/04/94	00:00	6.96	21.19	314.9	307.2	0.52	10.04	11.54	1.75	2.24	46.05	33.14	4.47	8.29	4.06
03/04/94	03:00	6.68	13.82	2.7	306.9	0.35	10.67	13.43	2.33	6.64	56.70	16.79	3.65	10.19	3.71
03/04/94	06:00	6.09	10.38	145.7	314.5	0.22	9.44	13.00	3.24	5.70	53.50	13.78	3.86	15.53	4.40
03/04/94	09:00	6.14	14.12	208.1	301.5	0.20	9.14	12.60	2.49	3.10	40.97	31.59	6.81	5.80	9.22
03/04/94	12:00	6.61	18.59	265.8	308.4	0.25	8.90	11.87	2.51	3.05	31.55	29.18	13.09	18.69	1.93
03/04/94	15:00	6.41	9.78	7.8	299.3	0.21	9.75	13.88	2.31	6.60	44.45	25.10	9.71	8.29	3.53
03/04/94	18:00	5.98	16.84	159.8	309.3	0.14	11.19	12.23	2.47	4.71	47.29	35.82	7.03	1.94	0.73
03/04/94	21:00	6.12	28.39	183.3	27 24	0.21	4.36	10.92	2.26	1.61	16.76	20.66	4.91	3.23	50.57

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	T _p (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/05/94	00:00	6.66	13.26	267.2	346.8	0.22	7.97	11.54	1.88	1.64	21.03	43.33	8.18	8.03	15.91
03/05/94	03:00	6.71	12.57	19.8	296.8	0.22	9.14	11.87	1.76	4.67	34.72	23.97	11.03	19.40	4.45
03/05/94	06:00	6.12	17.29	112.7	309.2	0.15	7.67	12.60	2.16	3.37	30.19	18.48	17.03	17.75	11.03
03/05/94	09:00	5.96	31.03	160.8	325.4	0.10	5.97	10.64	2.58	2.52	15.72	29.78	8.84	7.35	33.21
03/05/94	12:00	6.38	19.38	249.3	289.4	0.16	8.29	9.87	1.24	6.59	20.15	37.60	11.99	18.53	3.90
03/05/94	15:00	6.44	8.97	35.1	303.1	0.18	9.06	10.11	1.49	9.29	22.29	39.44	8.91	15.18	3.41
03/05/94	18:00	6.08	14.06	101.4	313.9	0.13	8.94	12.60	2.27	7.06	31.54	30.91	4.60	17.99	5.64
03/05/94	21:00	5.91	25.79	167	328.6	0.08	6.83	5.09	3.42	4.09	19.18	22.33	5.90	28.33	16.75
03/06/94	00:00	6.41	20.78	244.9	318.5	0.14	9.62	9.42	1.40	2.17	30.36	43.45	13.93	6.65	2.03
03/06/94	03:00	6.64	18.18	332.1	304.9	0.14	9.66	14.89	1.84	4.19	33.06	36.70	12.36	9.63	2.23
03/06/94	06:00	6.36	23.89	44.7	294.6	0.14	9.48	13.43	1.86	5.86	36.50	35.57	8.43	5.13	6.66
03/06/94	09:00	6.04	14.11	119.8	291.5	0.21	4.74	3.85	1.94	2.77	11.53	17.26	2.31	9.65	54.54
03/06/94	12:00	6.28	7.65	230	307.1	0.16	6.74	9.20	2.67	1.70	9.87	38.24	12.49	17.07	17.96
03/06/94	15:00	6.58	17.24	341.3	303	0.18	6.78	7.80	1.79	1.66	11.40	25.51	22.90	24.48	12.25
03/06/94	18:00	6.37	19.21	44	291.6	0.18	7.09	7.66	1.58	4.22	14.98	22.69	30.41	13.61	12.51
03/06/94	21:00	5.98	12.09	148.2	316.2	0.14	7.47	10.37	3.89	3.38	16.94	26.18	26.17	13.29	10.15
03/07/94	00:00	6.25	12.28	271.2	306.5	0.14	7.76	13.43	1.46	1.80	23.64	24.00	22.67	19.78	6.66
03/07/94	03:00	6.7	15.76	313.4	264	0.15	7.47	10.92	1.18	1.79	18.63	26.39	21.52	23.99	6.50
03/07/94	06:00	6.58	26	9.1	306.5	0.17	8.33	14.37	1.50	4.05	23.50	28.03	21.25	16.56	5.11
03/07/94	09:00	6.1	6.84	172.2	217.8	0.11	8.68	14.37	2.49	3.45	29.86	29.01	17.97	10.87	6.36
03/07/94	12:00	6.16	11.1	192.4	300.9	0.13	8.43	12.23	2.05	1.22	23.28	34.76	16.30	17.53	4.86
03/07/94	15:00	6.59	17.95	288.3	302.8	0.15	7.67	13.88	1.25	2.15	19.64	30.45	14.51	24.81	7.18
03/07/94	18:00	6.55	9.37	23.6	273	0.21	5.70	13.43	1.51	1.13	16.14	17.68	8.85	32.92	21.77
03/07/94	21:00	6.03	17.9	155	237.2	0.23	4.41	5.57	1.29	1.47	8.12	9.39	15.67	25.94	38.11
03/08/94	00:00	5.97	16.42	192.2	317.4	0.20	4.76	5.22	1.33	0.76	4.77	13.69	14.63	28.00	36.82
03/08/94	03:00	6.47	17.07	266.8	272.7	0.21	5.52	5.29	0.90	0.79	3.52	9.66	18.49	52.71	13.94
03/08/94	06:00	6.59	9.98	278.5	273.8	0.18	6.63	7.52	1.44	1.77	9.99	20.21	30.49	27.09	9.00

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/08/94	09:00	6.06	17.22	155	299.1	0.16	5.95	6.77	1.78	1.78	6.17	18.09	35.25	17.87	19.05
03/08/94	12:00	5.85	25.54	170.5	358.7	0.12	5.82	6.77	1.58	0.82	3.81	14.44	32.68	29.62	17.04
03/08/94	15:00	6.28	16.54	232.7	257.9	0.24	5.63	5.73	0.81	0.34	1.45	6.86	31.76	48.82	9.96
03/08/94	18:00	6.62	1.2	136.4	197.1	0.46	4.82	4.29	2.25	0.62	1.64	4.53	18.37	36.49	36.11
03/08/94	21:00	6.27	32.21	160.9	193.2	0.62	4.63	4.79	1.05	0.38	0.50	2.01	5.10	74.80	16.16
03/09/94	00:00	5.91	27.89	169.7	188.3	0.25	4.06	3.96	1.25	0.45	1.64	2.76	7.74	37.69	48.48
03/09/94	03:00	6.46	21.02	268.2	283.2	0.28	5.67	6.55	0.70	0.26	1.36	5.02	30.82	48.54	13.30
03/09/94	06:00	6.82	28.6	349	219.4	0.27	4.92	3.92	1.85	0.65	3.09	8.51	19.88	34.48	31.54
03/09/94	09:00	6.47	27.69	34.7	267.4	0.64	4.85	4.58	0.95	0.29	0.55	2.44	9.59	71.53	14.65
03/09/94	12:00	6.03	10.33	109.2	202.2	0.57	4.56	4.53	0.53	0.16	0.51	1.60	13.16	60.06	23.97
03/09/94	15:00	6.35	10.37	292.7	298.2	0.45	5.18	6.45	0.80	0.19	0.61	2.40	33.27	44.92	17.82
03/09/94	18:00	6.75	29.25	344.8	286.5	0.36	5.90	7.66	0.70	0.22	0.95	11.83	43.77	29.39	13.14
03/09/94	21:00	6.4	29.5	32.1	314.9	0.33	6.11	7.66	0.75	0.35	0.79	23.30	35.28	24.12	15.40
03/10/94	00:00	5.95	13.91	133	311.7	0.25	5.79	8.11	0.68	0.20	0.78	25.89	30.47	17.80	24.18
03/10/94	03:00	6.21	11.07	240.4	301.4	0.25	5.83	6.66	1.30	0.24	1.02	14.99	44.26	19.34	18.86
03/10/94	06:00	6.64	14.96	291.1	286.2	0.41	5.22	7.12	1.15	0.51	0.88	9.71	40.16	22.78	24.81
03/10/94	09:00	6.37	29.44	27.3	291.3	0.34	6.08	7.95	1.40	0.42	1.26	30.39	26.31	20.23	20.00
03/10/94	12:00	5.92	25.24	144.9	335.7	0.17	6.97	8.27	1.87	0.37	1.70	48.92	21.55	13.59	11.98
03/10/94	15:00	6.14	32.4	195.7	351	0.21	6.78	8.81	1.13	0.15	1.03	34.53	31.73	16.52	14.91
03/10/94	18:00	6.67	18.66	244.7	242.1	0.49	5.11	8.27	1.36	0.26	0.79	21.55	15.73	34.88	25.43
03/10/94	21:00	6.55	9.42	109.3	342.1	0.44	5.07	9.20	1.35	0.32	1.05	26.13	8.59	35.16	27.41
03/11/94	00:00	6.12	36.35	153.1	183.6	0.77	4.57	5.09	0.54	0.14	0.32	2.39	2.84	75.08	18.69
03/11/94	03:00	6.17	30.2	191.6	180.9	0.65	4.53	5.35	0.75	0.21	0.33	1.90	4.78	66.13	25.90
03/11/94	06:00	6.7	13.98	268.8	182.4	0.63	4.76	4.48	1.06	0.26	0.62	5.60	4.54	71.45	16.47
03/11/94	09:00	6.62	14.29	73.7	185.8	0.56	4.81	5.15	0.81	0.19	0.54	3.44	3.76	77.58	13.68
03/11/94	12:00	6.03	30.49	129.8	188	0.46	4.61	5.03	0.90	0.16	0.60	2.69	3.46	70.55	21.64
03/11/94	15:00	6.08	23.68	197.7	188.8	0.41	4.15	4.63	1.04	0.27	0.57	3.22	2.73	58.18	33.98

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/11/94	18:00	6.69	23.72	298.2	161	0.32	4.73	4.85	1.20	0.37	1.57	14.24	6.21	56.54	19.87
03/11/94	21:00	6.66	23.38	3.2	228.1	0.30	5.25	4.85	0.98	0.50	3.47	20.99	5.93	47.91	20.22
03/12/94	00:00	6.09	20.61	76.6	182.5	0.23	4.83	9.87	1.21	0.66	3.57	24.20	4.67	31.82	33.86
03/12/94	03:00	6.05	16.1	142	305.9	0.19	4.55	3.61	1.80	0.44	2.60	24.44	9.16	10.56	50.99
03/12/94	06:00	6.65	20.27	299.5	326.7	0.26	5.54	9.42	1.08	0.44	2.77	34.12	10.82	23.75	27.00
03/12/94	09:00	6.76	25.01	357.3	296.3	0.27	5.79	9.64	1.14	0.54	4.02	30.22	15.51	27.32	21.25
03/12/94	12:00	6.17	20.19	83.7	340.1	0.29	5.38	4.20	0.89	0.30	3.27	22.37	10.56	42.53	20.07
03/12/94	15:00	6.02	21.17	154.8	327.6	0.19	5.48	5.35	1.89	0.39	3.23	26.23	14.63	20.18	33.44
03/12/94	18:00	6.64	27.02	270.1	298.4	0.24	7.31	10.37	1.15	0.33	2.92	42.04	28.29	17.08	8.18
03/12/94	21:00	6.74	27.09	350.6	298.5	0.21	7.76	11.22	1.38	0.78	9.62	46.77	21.13	15.82	4.50
03/13/94	00:00	6.21	19.28	65.5	284.3	0.17	8.79	10.92	1.07	0.60	12.39	54.75	15.78	10.76	4.65
03/13/94	03:00	5.96	21.31	158.9	266.5	0.15	7.85	10.11	0.91	0.30	5.19	56.28	16.41	10.41	10.50
03/13/94	06:00	6.46	18.34	265.9	299.9	0.20	7.34	8.45	1.22	0.33	4.25	46.31	22.93	14.44	10.52
03/13/94	09:00	6.69	16.96	330.2	297.5	0.20	7.94	8.81	1.39	0.36	10.31	51.15	17.37	14.40	5.02
03/13/94	12:00	6.17	14.25	66	255.3	0.16	9.23	10.64	1.56	0.90	15.06	54.51	15.60	9.30	3.07
03/13/94	15:00	5.91	18.17	146.2	307.8	0.14	7.85	9.42	2.43	0.43	12.28	47.87	12.51	9.91	14.57
03/13/94	18:00	6.45	16.29	275.4	298.4	0.24	6.63	9.42	1.45	0.24	5.66	40.11	12.77	20.98	18.79
03/13/94	21:00	6.71	16.78	339.1	295.5	0.24	8.94	12.60	0.97	0.38	22.02	46.61	14.22	10.35	5.45
03/14/94	00:00	6.27	15.51	49.2	303.3	0.18	9.53	13.43	1.51	0.64	31.25	46.23	12.00	7.11	1.25
03/14/94	03:00	5.91	19.82	154.2	307.4	0.14	9.57	11.87	1.19	0.28	23.84	55.84	7.65	8.03	3.18
03/14/94	06:00	6.3	25.53	236	270.4	0.16	8.98	11.22	1.35	0.26	10.39	64.14	12.24	10.13	1.49
03/14/94	09:00	6.67	9.25	293.4	300.8	0.22	7.88	10.92	1.10	0.35	11.36	50.23	11.64	20.72	4.60
03/14/94	12:00	6.3	19.36	124.1	186.4	0.44	4.41	4.24	1.86	0.58	4.76	10.96	2.43	45.63	33.79
03/14/94	15:00	5.91	28.7	160.6	180.2	0.34	4.24	4.53	1.33	0.39	1.51	8.24	3.09	50.15	35.30
03/14/94	18:00	6.36	18.6	252.2	296.2	0.23	6.30	9.87	1.10	0.41	2.49	32.37	23.55	21.03	19.05
03/14/94	21:00	6.71	23.39	330.7	296.3	0.19	6.85	10.37	1.08	0.73	3.94	34.02	24.27	29.24	6.72
03/15/94	00:00	6.38	23.07	36.1	303.2	0.18	8.19	9.87	1.15	0.81	12.77	45.90	17.76	18.69	2.92

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	T _z (sec)	T _p (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/15/94	03:00	5.89	20.62	136.9	287.7	0.14	8.00	11.22	1.01	0.65	6.48	52.93	13.97	22.60	2.36
03/15/94	06:00	6.13	9.6	222	298.5	0.17	7.73	9.20	1.01	0.48	2.46	53.99	21.59	19.12	1.35
03/15/94	09:00	6.53	22.15	285.5	260.9	0.20	7.47	9.20	1.73	0.63	3.48	48.68	21.51	20.60	3.37
03/15/94	12:00	6.24	19.68	37.8	284.2	0.20	8.39	10.11	2.09	0.75	4.48	53.41	18.88	17.51	2.88
03/15/94	15:00	5.79	15.44	144.4	307.1	0.14	8.39	10.37	1.48	0.80	5.54	61.68	18.12	8.83	3.56
03/15/94	18:00	6.14	10.45	224.7	255.5	0.15	7.76	9.64	1.25	1.20	4.44	47.06	22.14	19.30	4.61
03/15/94	21:00	6.62	24.42	324.6	309.6	0.20	7.79	10.64	1.42	1.15	12.62	45.38	16.75	16.00	6.69
03/16/94	00:00	6.43	14.67	46	318.6	0.22	7.67	11.54	1.62	1.00	15.14	40.17	11.02	25.72	5.33
03/16/94	03:00	5.96	18.15	136.9	317.8	0.13	8.03	10.64	1.52	2.44	14.70	44.32	12.31	19.78	4.92
03/16/94	06:00	6.11	20.81	183.2	230.1	0.15	7.91	11.22	1.63	1.10	11.25	52.00	10.57	17.09	6.37
03/16/94	09:00	6.57	16.23	239.9	183.6	0.35	5.06	3.81	1.91	0.82	5.84	22.69	7.70	28.16	32.89
03/16/94	12:00	6.44	8.02	114.1	180.5	0.31	5.11	10.64	1.32	0.71	6.25	22.17	6.18	41.49	21.88
03/16/94	15:00	6.09	26.68	139.8	183	0.45	4.77	5.35	1.40	0.39	2.53	6.37	2.23	63.26	23.82
03/16/94	18:00	6.25	25.37	204.8	198.9	0.77	4.81	4.96	0.52	0.19	0.52	2.12	2.33	79.84	14.49
03/16/94	21:00	6.68	13.6	240.9	190.1	0.74	4.83	4.58	0.70	0.21	0.81	3.81	4.49	76.47	13.51
03/17/94	00:00	6.51	17.78	84.8	184.5	0.71	5.06	6.25	0.67	0.21	0.72	2.21	21.39	61.21	13.60
03/17/94	03:00	6.03	25.66	130.4	179.9	0.54	4.51	4.96	0.87	0.31	0.81	1.95	2.51	70.27	23.28
03/17/94	06:00	5.99	28.94	180.6	180.7	0.45	4.22	4.48	1.23	0.29	0.46	1.40	3.74	58.77	34.10
03/17/94	09:00	6.27	13.5	229.7	185.9	0.60	4.41	4.53	1.08	0.34	0.66	1.36	2.67	72.84	21.05
03/17/94	12:00	6.25	10.69	24.2	187.4	0.38	4.50	4.24	1.71	0.44	1.39	3.18	2.95	67.35	22.97
03/17/94	15:00	5.85	3.44	137.9	187.8	0.25	4.45	4.96	1.26	1.28	2.96	3.56	2.50	59.84	28.59
03/17/94	18:00	5.83	12.88	174.9	157.4	0.20	4.86	4.38	1.23	0.73	6.55	12.05	3.73	50.86	24.85
03/17/94	21:00	6.22	21.25	320.2	328.6	0.15	6.11	4.68	1.74	1.13	13.54	18.60	6.04	48.75	10.20
03/18/94	00:00	6.34	30.83	343.8	342.5	0.11	7.56	12.60	2.28	2.44	31.17	23.87	6.15	22.96	11.13
03/18/94	03:00	5.93	15.45	23.3	318.3	0.13	8.71	12.60	3.80	3.51	33.84	24.13	7.80	20.90	6.02
03/18/94	06:00	5.81	4.83	277	299.7	0.11	9.57	13.00	1.55	1.81	43.70	27.41	15.20	6.27	4.06
03/18/94	09:00	6.06	14.93	325.4	319.2	0.15	6.94	12.23	1.71	1.53	17.07	33.74	13.51	12.55	19.89

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/18/94	12:00	6.18	22.15	333.1	324	0.19	4.49	3.24	2.04	1.72	13.95	13.11	6.50	16.43	46.25
03/18/94	15:00	5.78	1.64	353.6	234.8	0.16	5.22	12.60	3.24	3.59	15.84	11.15	9.95	23.89	32.35
03/18/94	18:00	5.77	13.28	210.9	245.8	0.13	6.40	11.87	4.14	2.10	14.71	23.93	11.23	17.42	26.47
03/18/94	21:00	6.1	13.4	309.4	320.5	0.13	6.24	5.50	2.55	1.93	7.68	15.82	11.52	45.28	15.21
03/19/94	00:00	6.46	21.75	328.8	304.9	0.18	6.90	6.16	2.31	0.78	5.93	21.98	34.81	29.62	4.58
03/19/94	03:00	6.21	14.67	99.1	331.4	0.25	4.85	9.20	2.70	1.42	6.93	23.37	9.74	9.48	46.34
03/19/94	06:00	6.1	47.73	172.1	185.7	0.78	4.85	5.43	0.61	0.16	0.27	1.03	10.01	69.24	18.67
03/19/94	09:00	6.15	23.19	188.3	179.4	0.55	4.48	4.53	0.88	0.20	0.75	1.59	3.73	66.89	25.96
03/19/94	12:00	6.5	17.72	321.5	180	0.30	4.96	4.63	1.07	0.60	4.45	8.92	4.39	64.85	15.72
03/19/94	15:00	6.19	15.92	18.3	299.7	0.20	5.94	4.43	1.29	0.87	6.82	14.18	19.40	42.21	15.23
03/19/94	18:00	5.98	9.73	2.2	298.3	0.16	7.21	10.37	1.89	1.30	12.33	38.31	12.85	18.08	15.24
03/19/94	21:00	6.13	15.02	336.2	309.7	0.15	7.73	10.64	1.34	1.89	11.69	53.31	9.24	11.84	10.69
03/20/94	00:00	6.47	21.45	339.6	316.4	0.14	8.53	10.37	2.21	1.30	9.31	56.79	12.21	10.51	7.67
03/20/94	03:00	6.31	19.38	14.3	305.3	0.13	8.98	12.23	1.33	1.56	24.37	45.63	19.24	5.60	2.27
03/20/94	06:00	5.99	1.68	174.5	305.2	0.11	8.98	11.22	1.53	2.40	15.93	56.17	15.85	5.91	2.20
03/20/94	09:00	6.02	10.95	134.7	3	0.12	8.94	10.11	1.51	1.35	9.26	62.06	11.99	9.30	4.53
03/20/94	12:00	6.31	7.19	190.2	305.5	0.11	8.13	9.20	1.71	2.26	13.86	43.38	17.03	15.14	6.63
03/20/94	15:00	6.26	16.19	148	304.7	0.12	8.13	9.00	3.83	2.72	10.76	45.80	16.28	15.12	5.49
03/20/94	18:00	5.98	20.44	125.2	335.3	0.10	7.42	10.11	2.10	2.47	10.17	36.70	15.14	25.78	7.64
03/20/94	21:00	6.06	23.74	188.9	282.6	0.10	7.47	8.62	2.04	4.02	7.96	41.85	17.90	12.41	13.82
03/21/94	00:00	6.47	18.75	300.5	323.2	0.13	7.31	7.80	1.13	1.27	4.49	38.93	30.75	15.24	8.18
03/21/94	03:00	6.46	20.63	11.8	344.7	0.11	6.74	9.42	2.63	2.11	8.27	32.31	22.71	11.03	20.93
03/21/94	06:00	6.12	10.56	53.8	245.2	0.12	7.42	8.62	1.81	2.71	10.66	42.75	17.07	12.40	12.61
03/21/94	09:00	6.05	11.83	145	307.4	0.13	7.09	9.64	1.92	1.84	8.69	41.68	17.97	8.45	19.45
03/21/94	12:00	7.69	16.43	47.2	326.5	0.11	6.94	10.64	2.54	8.73	10.61	16.80	15.76	39.38	6.20
03/21/94	15:00	7.94	11.28	333.8	284.5	0.13	7.19	8.62	1.24	1.46	7.34	30.09	32.39	19.45	8.04
03/21/94	18:00	7.70	14.63	346.2	283.1	0.15	6.78	7.95	2.51	1.53	7.22	26.44	30.81	17.66	13.84

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
03/21/94	21:00	7.50	7.46	278.5	287.0	0.19	4.79	7.12	1.56	0.99	3.51	14.15	18.56	33.28	27.94
03/22/94	00:00	7.87	11.92	284.9	293.9	0.21	5.54	4.85	1.59	0.98	3.93	9.85	16.38	55.99	11.28
03/22/94	03:00	8.12	13.15	319.4	285.5	0.21	6.13	5.57	1.03	0.85	2.65	7.92	24.98	57.45	5.12
03/22/94	06:00	7.93	12.71	28.2	275.4	0.19	6.99	7.66	1.73	0.69	3.10	23.76	46.66	15.49	8.58
03/22/94	09:00	7.67	18.92	110.6	345.8	0.19	5.74	9.20	1.74	0.77	2.72	37.84	17.94	8.03	30.95
03/22/94	12:00	7.85	46.43	165.2	170.9	0.25	4.48	3.96	2.20	0.84	2.59	14.63	9.34	36.19	34.21
03/22/94	15:00	8.16	10.17	157.3	321.4	0.20	6.11	8.27	1.81	0.99	4.33	23.22	24.85	28.43	16.37
03/22/94	18:00	8.02	10.55	78.1	286.4	0.17	7.26	8.62	1.31	1.65	6.34	35.48	23.11	25.43	6.69
03/22/94	21:00	7.59	26.16	114.7	292.8	0.12	7.85	8.81	1.23	2.39	9.99	38.10	15.97	26.22	6.10
03/23/94	00:00	7.70	5.40	56.5	308.0	0.12	8.22	9.87	1.04	1.36	6.86	57.75	16.70	13.68	2.62
03/23/94	03:00	8.10	16.72	337.0	313.7	0.11	8.61	9.20	1.74	2.96	12.45	47.67	22.33	9.48	3.35
03/23/94	06:00	7.99	17.72	344.8	301.9	0.10	8.79	10.11	3.43	2.36	9.50	54.48	14.80	10.76	4.66
03/23/94	09:00	7.55	28.40	85.6	321.7	0.09	8.87	9.87	1.51	4.42	12.62	54.54	14.11	5.30	7.50
03/23/94	12:00	7.47	20.26	161.9	16.1	0.09	8.16	8.81	4.52	0.92	9.19	43.66	20.63	15.41	5.67
03/23/94	15:00	7.91	19.54	218.1	10.3	0.10	8.00	8.45	1.96	2.10	8.17	40.39	26.50	15.53	5.35
03/23/94	18:00	7.95	6.36	38.6	280.5	0.11	7.85	9.20	1.94	3.04	11.58	41.90	18.01	17.97	5.56
03/23/94	21:00	7.44	21.45	125.5	261.7	0.09	6.97	9.64	2.56	4.38	9.54	30.11	12.29	35.70	5.44
03/24/94	00:00	7.36	20.39	167.8	296.1	0.08	5.99	99.99	13.13	1.54	11.93	15.94	13.70	17.58	26.18
03/24/94	03:00	7.86	14.92	264.0	330.3	0.13	5.52	4.29	2.31	1.68	9.36	14.43	10.99	47.58	13.65
03/24/94	06:00	8.05	16.34	331.5	301.8	0.11	5.95	9.87	2.70	1.56	11.81	21.01	9.80	37.44	15.68
03/24/94	09:00	7.59	18.62	74.3	309.7	0.11	6.24	11.87	2.65	3.76	14.63	18.15	9.60	39.35	11.86
03/24/94	12:00	7.35	17.19	142.5	302.1	0.08	7.31	9.87	5.13	3.67	12.29	31.78	10.07	30.26	6.80
03/24/94	15:00	7.84	12.49	263.4	359.1	0.13	6.10	5.35	1.41	2.12	9.80	17.91	12.42	46.70	9.63
03/24/94	18:00	8.14	21.34	337.7	286.7	0.15	5.09	4.12	2.90	4.14	7.23	10.92	10.15	43.77	20.88
03/24/94	21:00	7.69	16.43	47.2	326.5	0.11	6.94	10.64	2.54	8.73	10.61	16.80	15.75	39.38	6.20
03/25/94	00:00	7.32	20.02	128.9	298.8	0.09	7.45	5.98	0.95	4.21	16.55	21.20	23.05	29.58	4.47
03/25/94	03:00	7.78	22.27	228.5	214.2	0.16	6.32	4.63	2.44	3.07	11.01	14.22	9.83	53.18	6.26

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
03/25/94	06:00	8.18	12.82	327.9	295.7	0.18	6.13	5.35	1.45	1.35	8.69	15.90	23.28	39.98	9.35
03/25/94	09:00	7.84	17.56	44.2	239.3	0.16	7.37	7.12	1.03	5.08	7.60	14.19	44.82	23.97	3.32
03/25/94	12:00	7.50	40.58	151.9	158.9	0.36	4.08	3.96	1.67	0.79	2.23	2.92	3.09	44.20	45.10
03/25/94	15:00	7.81	27.17	213.9	190.3	0.29	4.29	4.43	1.89	0.65	3.01	5.21	6.62	60.81	21.80
03/25/94	18:00	8.39	22.90	311.3	262.7	0.24	6.50	6.66	0.98	0.58	3.31	16.95	43.89	27.44	6.84
03/25/94	21:00	8.09	18.29	46.4	311.0	0.25	5.83	4.63	1.48	1.82	5.86	21.66	13.97	42.35	12.86
03/26/94	00:00	7.56	30.06	122.8	190.0	0.55	4.56	5.03	1.66	0.46	1.05	2.68	3.18	76.91	14.06
03/26/94	03:00	7.80	28.51	203.9	176.8	0.41	4.42	5.03	1.24	0.50	1.65	4.11	2.13	72.76	17.62
03/26/94	06:00	8.45	24.24	296.0	190.5	0.43	4.88	4.96	1.39	0.42	3.12	13.71	5.83	65.56	9.98
03/26/94	09:00	8.25	20.48	21.5	267.0	0.25	5.48	4.85	1.56	2.05	5.96	18.51	9.96	46.24	15.71
03/26/94	12:00	7.54	27.37	107.9	173.4	0.22	5.22	4.63	1.40	1.02	4.53	20.58	10.92	44.19	17.36
03/26/94	15:00	7.59	22.65	196.7	302.1	0.15	6.30	7.66	1.59	0.85	4.88	27.96	30.74	12.97	21.00
03/26/94	18:00	8.31	33.82	311.4	304.0	0.20	7.29	7.80	1.21	1.28	3.98	30.74	27.83	28.31	6.65
03/26/94	21:00	8.22	36.66	3.2	333.9	0.13	8.06	8.27	1.75	4.93	10.66	42.49	22.07	12.73	5.37
03/27/94	00:00	7.43	19.75	97.0	223.0	0.16	5.57	9.87	1.49	2.51	9.10	35.46	7.40	12.58	31.47
03/27/94	03:00	7.43	15.95	169.0	277.6	0.18	5.28	4.68	1.05	0.71	3.62	21.88	14.26	39.71	18.77
03/27/94	06:00	8.11	18.95	294.2	289.9	0.26	5.45	8.27	1.26	0.97	3.90	25.29	17.29	29.05	22.24
03/27/94	09:00	8.17	25.56	351.0	320.5	0.26	5.09	3.92	1.96	1.42	3.65	20.09	14.86	36.47	21.55
03/27/94	12:00	7.49	15.75	74.5	332.1	0.24	5.12	4.53	1.02	1.39	4.00	16.81	6.48	55.88	14.42
03/27/94	15:00	7.29	18.37	160.5	307.7	0.19	5.40	5.09	2.08	0.60	2.99	12.05	10.78	55.70	15.78
03/27/94	18:00	8.09	16.49	254.2	283.3	0.41	5.85	5.57	0.81	0.21	1.08	5.49	27.38	60.80	4.24
03/27/94	21:00	8.34	15.78	355.7	275.0	0.35	6.78	7.80	1.16	0.49	1.05	22.48	41.22	28.40	5.20
03/28/94	00:00	7.59	23.95	104.4	324.1	0.23	5.75	8.81	1.35	1.35	4.03	33.35	18.50	17.39	24.02
03/28/94	03:00	7.19	34.71	154.9	328.8	0.23	4.36	4.20	2.12	0.58	1.25	7.62	7.46	56.29	24.67
03/28/94	06:00	7.81	21.23	241.4	271.1	0.31	5.97	7.25	0.81	0.30	1.20	10.97	36.86	38.63	11.24
03/28/94	09:00	8.24	14.93	316.0	286.6	0.33	6.38	6.25	1.02	0.36	1.12	16.08	37.37	37.14	6.91
03/28/94	12:00	7.66	19.71	124.7	310.7	0.16	6.78	10.11	1.72	1.01	1.98	30.88	28.34	20.97	15.10

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	Tz	Tp	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
03/28/94	15:00	7.20	41.80	151.7	319.8	0.07	5.49	8.11	3.59	0.64	2.07	20.52	20.04	23.95	29.20
03/28/94	18:00	7.90	22.93	239.8	297.3	0.19	6.65	6.55	1.07	0.29	2.26	16.40	40.42	36.97	2.61
03/28/94	21:00	8.45	31.77	328.1	299.8	0.24	6.26	5.43	1.27	0.35	1.18	15.53	29.96	47.21	4.49
03/29/94	00:00	7.98	23.98	45.0	297.2	0.18	7.47	8.62	1.28	0.75	3.77	35.59	26.70	28.36	3.55
03/29/94	03:00	7.35	35.83	136.9	320.1	0.07	7.73	8.62	2.24	0.83	4.84	31.86	21.56	32.93	5.73
03/29/94	06:00	7.73	21.99	211.8	317.3	0.15	7.24	5.73	1.04	0.21	1.38	23.20	46.42	26.63	1.12
03/29/94	09:00	8.30	25.99	312.6	295.5	0.23	5.99	6.55	1.68	0.42	2.12	14.69	30.09	46.48	4.52
03/29/94	12:00	8.08	17.43	79.6	135.8	0.31	4.63	4.04	1.74	0.88	2.19	14.37	8.02	39.46	33.35
03/29/94	15:00	7.41	44.04	142.6	161.0	0.28	4.25	4.74	1.95	0.39	0.78	1.86	1.92	72.90	20.19
03/29/94	18:00	7.76	23.85	207.0	316.4	0.15	5.17	8.27	1.81	0.55	2.39	21.84	18.58	30.72	24.10
03/29/94	21:00	8.50	31.99	319.1	308.8	0.13	7.88	9.42	2.16	0.56	3.93	39.58	25.72	22.23	5.82
03/30/94	00:00	8.29	28.63	11.7	295.3	0.12	9.06	10.64	2.92	0.82	10.50	58.20	11.64	12.39	3.52
03/30/94	03:00	7.59	34.81	116.9	320.9	0.06	6.46	11.54	3.33	1.53	9.12	40.13	12.99	9.56	23.33
03/30/94	06:00	7.61	28.13	170.9	305.0	0.07	7.64	9.87	12.85	0.80	3.88	58.68	8.30	3.79	11.71
03/30/94	09:00	8.29	19.10	280.2	275.3	0.15	7.61	9.20	0.91	0.61	2.03	52.98	19.60	20.34	3.52
03/30/94	12:00	8.17	9.56	8.3	275.9	0.14	7.56	8.81	1.66	0.90	3.12	39.38	26.35	22.03	6.58
03/30/94	15:00	7.54	28.98	125.7	310.3	0.11	6.90	7.38	1.00	0.61	2.52	30.84	33.92	22.01	9.10
03/30/94	18:00	7.56	27.78	170.0	302.6	0.10	4.95	9.00	2.15	0.63	2.10	16.42	20.52	21.24	36.94
03/30/94	21:00	8.30	27.00	294.1	320.0	0.15	5.97	8.45	1.89	0.77	2.10	18.48	35.35	25.34	16.06
03/31/94	00:00	8.37	29.28	349.5	325.9	0.10	6.71	6.55	2.27	1.43	3.24	26.90	34.74	20.37	11.05
03/31/94	03:00	7.69	22.06	93.5	225.3	0.09	7.14	9.42	1.97	0.98	3.67	46.41	20.13	14.83	12.00
03/31/94	06:00	7.44	37.73	154.9	319.0	0.05	6.80	8.81	4.67	1.20	4.08	37.45	21.74	15.63	15.24
03/31/94	09:00	8.04	17.89	250.7	284.5	0.15	7.01	7.38	0.90	0.89	2.16	20.57	55.75	11.88	7.85
03/31/94	12:00	8.21	16.80	335.0	293.1	0.20	5.95	8.81	1.89	1.03	1.75	31.14	25.30	23.82	15.06
03/31/94	15:00	7.65	21.36	93.0	297.0	0.14	6.15	8.27	2.24	0.65	2.04	30.73	19.45	34.00	10.90
03/31/94	18:00	7.42	28.66	151.9	316.3	0.11	5.00	4.58	2.44	0.80	2.54	13.48	18.87	36.46	25.41
03/31/94	21:00	8.05	17.37	259.3	287.9	0.20	5.77	5.73	1.53	0.55	1.62	12.94	21.59	50.48	11.29

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time	Depth	MC_S	MC_D	PW_D	Hmo	T _z	T _p	E>20s	E20-1	E16-12	E12-8	E8-6	E6-4	E<4s
	(EST)	(m)	(cm/s)	(degT)	(degT)	(m)	(sec)	(sec)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
04/01/94	00:00	8.35	23.16	335.2	290.4	0.32	6.92	7.80	0.88	0.20	0.31	19.70	54.57	19.40	4.95
04/01/94	03:00	7.89	25.08	65.6	288.0	0.26	6.67	8.45	1.35	0.39	0.69	45.03	22.30	7.08	23.17
04/01/94	06:00	7.45	37.02	141.5	315.0	0.16	4.59	8.62	1.95	0.55	1.04	32.69	9.59	9.42	44.76
04/01/94	09:00	7.83	23.62	210.2	316.2	0.24	5.99	7.38	1.42	0.46	0.91	14.04	47.24	10.84	25.09
04/01/94	12:00	8.21	16.74	317.0	300.2	0.24	5.89	7.66	1.04	0.54	0.74	16.01	39.34	30.18	12.15
04/01/94	15:00	7.85	14.46	49.5	291.2	0.15	6.97	8.81	1.41	2.46	1.58	39.74	20.88	23.40	10.53
04/01/94	18:00	7.48	23.65	128.5	297.0	0.11	7.19	9.00	1.60	1.21	2.33	50.16	21.22	6.34	17.14
04/01/94	21:00	7.78	14.03	218.9	304.4	0.16	7.50	7.38	0.72	0.83	2.83	37.28	45.16	8.92	4.26
04/02/94	00:00	8.27	28.02	322.3	313.3	0.16	7.73	7.80	1.12	1.36	3.05	40.31	36.94	15.13	2.09
04/02/94	03:00	8.05	20.64	7.0	284.2	0.13	8.75	11.22	1.85	1.47	5.69	53.03	26.68	9.81	1.46
04/02/94	06:00	7.54	20.72	134.2	302.1	0.12	9.23	9.87	3.30	1.68	4.64	63.60	17.78	8.22	0.78
04/02/94	09:00	7.61	23.24	166.6	317.6	0.13	8.09	8.27	0.80	0.67	2.63	53.34	36.32	4.81	1.43
04/02/94	12:00	8.09	15.60	287.2	302.8	0.17	7.79	7.66	1.29	0.95	3.08	37.16	37.25	18.34	1.94
04/02/94	15:00	7.99	9.86	354.7	286.9	0.18	6.34	9.42	2.05	1.59	2.68	41.53	20.22	11.23	20.71
04/02/94	18:00	7.54	15.73	135.2	296.1	0.17	6.24	9.87	1.37	2.73	2.91	42.45	10.71	15.72	24.11
04/02/94	21:00	7.59	9.89	180.6	286.9	0.14	6.40	10.37	1.10	0.97	4.38	41.48	19.04	14.60	18.42
04/03/94	00:00	8.12	20.71	298.0	279.6	0.17	7.09	8.81	2.38	0.78	6.50	38.44	23.09	14.92	13.89
04/03/94	03:00	8.16	18.08	332.2	297.6	0.15	7.94	9.00	1.84	1.62	6.16	49.92	18.88	15.60	5.99
04/03/94	06:00	7.72	9.84	42.1	230.1	0.13	9.06	8.45	2.42	1.43	10.73	60.59	13.47	9.23	2.13
04/03/94	09:00	7.56	16.84	147.4	308.1	0.11	8.29	8.45	1.49	1.16	7.63	57.53	19.27	4.32	8.61
04/03/94	12:00	7.94	20.24	275.2	211.1	0.15	7.31	7.66	1.46	0.93	9.78	32.25	33.76	10.07	11.75
04/03/94	15:00	8.06	8.83	24.8	288.4	0.16	7.39	8.81	1.30	1.95	9.20	45.70	17.15	13.08	11.62
04/03/94	18:00	7.67	15.94	156.0	308.4	0.16	6.11	9.42	2.12	1.91	6.15	37.41	10.60	31.00	10.82
04/03/94	21:00	7.46	17.92	172.6	282.3	0.15	5.42	4.85	1.62	0.87	3.62	21.61	8.12	52.76	11.41
04/04/94	00:00	7.78	16.38	199.1	303.1	0.17	5.64	4.79	1.29	0.51	5.46	18.90	15.73	49.35	8.75
04/04/94	03:00	8.22	3.59	37.2	252.1	0.23	6.10	8.81	1.87	0.61	6.29	27.53	15.76	16.82	31.13
04/04/94	06:00	7.83	23.57	105.4	300.3	0.18	6.10	7.00	1.58	0.65	3.41	29.75	28.88	14.03	21.70

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
04/04/94	09:00	7.57	26.68	155.7	174.0	0.35	4.16	4.04	1.44	0.52	1.10	3.88	4.69	63.42	24.95
04/04/94	12:00	7.81	22.57	211.0	176.5	0.22	4.52	4.16	1.88	0.62	2.63	12.14	17.53	32.00	33.21
04/04/94	15:00	8.13	20.34	313.5	289.2	0.29	5.40	4.68	1.06	0.59	2.62	13.01	21.52	50.56	10.63
04/04/94	18:00	7.93	19.10	24.2	264.1	0.17	6.30	8.11	1.49	1.07	4.01	32.67	23.46	25.93	11.38
04/04/94	21:00	7.49	14.53	97.6	289.9	0.15	6.30	9.87	1.32	0.99	6.14	30.59	15.25	30.20	15.50
04/05/94	00:00	7.67	2.59	215.1	298.8	0.16	7.39	9.42	1.93	0.66	4.24	42.86	25.63	18.62	6.05
04/05/94	03:00	8.08	24.52	312.2	289.6	0.18	6.63	9.87	1.13	0.66	2.82	27.64	25.65	37.80	4.31
04/05/94	06:00	8.00	24.65	357.0	309.1	0.16	7.06	9.42	1.69	0.73	3.77	37.06	23.57	29.20	3.98
04/05/94	09:00	7.55	15.08	106.9	225.9	0.15	7.09	9.87	1.24	0.60	3.80	38.70	24.71	26.23	4.72
04/05/94	12:00	7.61	6.28	112.4	296.1	0.17	7.76	9.20	1.18	0.33	1.21	51.28	31.01	12.26	2.74
04/05/94	15:00	8.07	14.40	335.9	290.7	0.20	6.52	8.62	1.01	0.79	2.44	30.28	31.10	22.55	11.83
04/05/94	18:00	8.05	5.94	25.0	273.9	0.24	6.71	9.87	1.30	0.59	2.38	41.63	19.95	17.01	17.15
04/05/94	21:00	7.56	16.26	149.7	301.3	0.19	7.26	9.64	2.44	0.75	2.01	40.28	25.46	22.45	6.62
04/06/94	00:00	7.55	8.70	165.6	287.0	0.16	7.64	9.20	0.69	0.64	2.77	56.65	15.44	16.00	7.81
04/06/94	03:00	8.02	12.12	271.2	306.7	0.17	6.97	8.81	1.17	0.67	2.59	38.37	31.33	16.49	9.38
04/06/94	06:00	8.11	13.45	324.9	284.2	0.15	7.79	9.00	1.62	1.38	3.70	50.84	19.32	17.56	5.59
04/06/94	09:00	7.65	8.59	108.7	335.2	0.14	8.13	9.42	1.08	0.80	5.06	63.11	11.83	10.60	7.52
04/06/94	12:00	7.52	20.08	148.2	303.1	0.11	7.73	7.80	1.59	1.14	3.87	46.93	25.52	14.39	6.55
04/06/94	15:00	7.96	10.72	184.4	300.9	0.22	6.26	9.42	1.54	0.79	1.98	39.13	16.26	22.15	18.14
04/06/94	18:00	8.17	9.21	8.7	279.6	0.33	5.89	5.29	0.92	0.54	1.39	23.62	14.64	53.60	5.29
04/06/94	21:00	7.66	21.60	137.3	295.0	0.16	7.34	10.37	0.96	1.03	4.50	42.60	21.04	25.51	4.36
04/07/94	00:00	7.46	23.04	149.5	334.8	0.13	7.01	10.37	0.98	0.59	2.45	34.75	26.33	26.75	8.15
04/07/94	03:00	7.80	22.37	207.7	221.6	0.22	6.26	5.29	0.97	0.42	1.81	23.82	25.52	41.04	6.42
04/07/94	06:00	8.14	10.15	292.5	279.1	0.27	6.83	9.00	0.85	0.54	1.23	32.12	27.15	34.78	3.34
04/07/94	09:00	7.75	10.56	120.0	280.0	0.19	7.37	11.54	1.28	0.78	2.98	37.68	24.06	28.11	5.09
04/07/94	12:00	7.50	21.54	145.7	328.9	0.13	7.09	8.81	1.85	0.73	4.06	53.91	13.15	10.59	15.70
04/07/94	15:00	7.97	42.47	193.8	203.9	0.22	5.35	9.00	2.63	0.50	2.31	26.34	24.42	15.96	27.84

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
04/07/94	18:00	8.23	5.68	214.7	353.3	0.26	5.97	10.37	1.63	0.71	2.97	29.28	16.08	35.85	13.46
04/07/94	21:00	7.97	11.65	89.0	331.1	0.21	5.38	9.87	1.55	3.04	6.08	30.18	7.65	19.86	31.63
04/08/94	00:00	7.57	33.02	144.0	171.4	0.45	4.39	4.43	2.02	0.55	1.18	4.44	2.42	74.82	14.56
04/08/94	03:00	7.78	21.00	207.1	183.4	0.32	4.26	3.96	1.66	0.84	2.32	7.74	3.06	58.13	26.26
04/08/94	06:00	8.26	19.87	303.6	182.0	0.30	5.04	4.29	1.71	0.74	4.56	14.46	8.48	55.24	14.81
04/08/94	09:00	8.04	16.34	35.3	310.6	0.23	5.12	4.29	2.58	1.83	6.35	14.42	5.10	50.49	19.23
04/08/94	12:00	7.54	24.98	118.0	166.7	0.20	4.52	4.48	1.42	1.17	5.19	13.84	5.00	43.48	29.90
04/08/94	15:00	7.76	16.05	223.3	290.5	0.18	6.26	9.42	1.30	0.71	4.82	30.10	26.96	16.78	19.33
04/08/94	18:00	8.22	29.62	322.3	308.8	0.15	6.71	10.11	1.65	1.28	7.48	30.42	24.36	24.88	9.94
04/08/94	21:00	8.03	31.39	5.7	325.6	0.12	7.85	10.37	2.19	2.16	8.70	41.68	19.72	18.56	6.99
04/09/94	00:00	7.49	19.46	102.3	339.3	0.12	7.88	9.42	1.77	2.25	7.82	44.84	19.50	12.95	10.86
04/09/94	03:00	7.60	4.14	155.6	299.1	0.14	7.06	9.20	0.94	0.75	5.85	40.13	27.97	11.60	12.76
04/09/94	06:00	8.14	15.36	324.3	299.4	0.16	6.65	9.20	1.14	1.15	4.81	26.66	27.99	29.96	8.30
04/09/94	09:00	8.06	18.02	341.2	290.5	0.15	7.29	10.37	1.83	1.25	6.57	38.23	22.56	22.36	7.20
04/09/94	12:00	7.53	23.56	128.9	272.8	0.13	6.85	8.11	2.05	1.11	6.94	36.95	17.03	23.38	12.53
04/09/94	15:00	7.63	15.70	180.2	294.9	0.17	6.61	9.42	1.06	0.88	4.01	44.33	14.16	16.22	19.34
04/09/94	18:00	8.17	16.68	275.4	276.3	0.29	5.13	4.63	1.13	0.96	4.36	17.48	13.25	48.22	14.60
04/09/94	21:00	8.09	29.60	351.4	316.3	0.16	6.32	10.92	2.16	1.50	5.70	31.88	14.85	33.38	10.53
04/10/94	00:00	7.48	24.39	114.7	311.4	0.14	7.42	9.64	6.74	2.25	7.02	36.72	15.69	20.30	11.27
04/10/94	03:00	7.44	19.55	186.8	302.2	0.12	7.67	9.87	1.07	1.78	5.83	50.52	16.45	16.81	7.53
04/10/94	06:00	7.94	9.83	205.2	297.8	0.21	7.04	8.81	0.81	0.76	3.58	36.79	23.24	25.21	9.62
04/10/94	09:00	8.03	8.12	13.5	279.3	0.21	6.42	10.64	1.87	1.15	5.13	30.94	12.48	40.77	7.67
04/10/94	12:00	7.45	18.81	157.8	290.8	0.16	5.79	11.22	1.59	1.11	5.78	31.85	13.25	20.34	26.08
04/10/94	15:00	7.38	18.79	180.5	247.1	0.15	6.13	9.42	1.02	0.64	4.17	34.45	11.99	27.04	20.70
04/10/94	18:00	7.95	11.86	313.8	295.5	0.24	6.15	5.09	0.82	0.58	1.56	23.36	19.07	48.93	5.68
04/10/94	21:00	8.09	12.80	41.0	286.2	0.28	6.44	5.81	1.68	0.70	3.27	21.20	25.14	43.49	4.52
04/11/94	00:00	7.58	23.24	134.1	292.5	0.16	7.29	11.22	1.28	0.52	4.10	31.69	32.42	26.55	3.43

Wave Data Summary - TSL(VA2) LAT 3702.6N LON 7611.6W

Date	Time (EST)	Depth (m)	MC_S (cm/s)	MC_D (degT)	PW_D (degT)	Hmo (m)	Tz (sec)	Tp (sec)	E>20s (%)	E20-1 (%)	E16-12 (%)	E12-8 (%)	E8-6 (%)	E6-4 (%)	E<4s (%)
04/11/94	03:00	7.38	28.30	141.5	146.4	0.16	3.67	3.40	1.14	0.54	0.89	7.51	7.65	9.89	72.38
04/11/94	06:00	7.90	23.38	216.9	359.7	0.24	5.97	9.00	1.03	0.35	0.71	25.80	28.24	25.56	18.32
04/11/94	09:00	8.18	11.68	42.8	281.7	0.31	5.77	6.07	1.34	0.44	1.16	16.64	28.74	40.12	11.56
04/11/94	12:00	7.73	13.93	85.2	264.1	0.27	4.67	4.04	1.65	0.88	2.06	17.10	13.50	35.51	29.31
04/11/94	15:00	7.52	16.18	123.6	289.0	0.22	4.85	3.61	1.76	0.43	1.53	16.37	14.51	35.17	30.23
04/11/94	18:00	8.01	12.30	342.9	289.2	0.25	5.90	5.03	1.10	0.68	1.43	21.62	21.55	42.76	10.87
04/11/94	21:00	8.25	31.34	342.1	278.4	0.22	6.24	9.42	1.43	0.73	2.12	23.60	27.37	32.93	11.83
04/12/94	00:00	7.81	25.33	30.5	282.5	0.19	5.52	5.57	2.04	0.69	2.84	20.47	19.01	30.34	24.60
04/12/94	03:00	7.40	22.03	131.4	296.5	0.17	6.46	7.95	0.91	0.40	2.01	34.62	20.01	31.53	10.51
04/12/94	06:00	7.74	6.50	202.9	295.3	0.21	6.61	5.65	1.39	0.73	1.03	22.99	29.52	39.18	5.15
04/12/94	09:00	8.10	14.97	345.8	282.7	0.25	6.38	6.66	1.17	0.66	1.76	19.76	35.38	35.01	6.26
04/12/94	12:00	7.71	15.27	75.1	289.8	0.16	6.92	6.77	0.90	0.88	3.55	32.88	29.16	28.10	4.53
04/12/94	15:00	7.39	21.57	132.2	298.9	0.12	7.31	8.27	0.77	0.75	1.72	35.94	33.86	23.06	3.91
04/12/94	18:00	7.85	5.00	323.4	298.6	0.21	6.48	8.62	1.42	0.49	1.86	29.11	20.73	39.38	7.02
04/12/94	21:00	8.22	26.47	330.0	329.9	0.24	6.32	5.43	1.17	1.29	2.13	21.89	20.32	47.06	6.15
04/13/94	00:00	7.90	29.18	13.7	271.6	0.18	6.80	5.15	0.93	0.86	2.50	27.40	30.46	34.06	3.79
04/13/94	03:00	7.39	19.70	117.5	274.7	0.14	7.24	6.45	0.81	0.63	3.67	34.51	36.11	20.12	4.14
04/13/94	06:00	7.63	4.55	226.7	289.8	0.17	7.19	9.20	1.02	0.95	2.50	35.33	25.48	29.50	5.22
04/13/94	09:00	8.03	20.49	316.8	300.9	0.22	6.02	4.96	1.42	0.78	3.03	24.08	20.91	36.75	13.03
04/13/94	12:00	7.77	11.47	349.3	276.4	0.18	6.21	9.87	1.63	1.70	3.97	27.26	19.63	31.44	14.37
04/13/94	15:00	7.27	17.34	135.2	244.6	0.19	5.60	7.25	1.27	1.00	3.29	20.83	21.64	24.76	27.20
04/13/94	18:00	7.57	12.19	247.7	284.5	0.25	5.66	9.87	0.85	0.59	2.02	23.11	18.84	34.90	19.68
04/13/94	21:00	8.04	14.37	316.0	283.1	0.26	6.42	5.81	1.39	1.20	1.67	19.93	33.28	35.88	6.66
04/14/94	00:00	7.82	8.46	324.0	276.7	0.21	7.31	9.64	1.76	1.08	3.08	44.73	24.75	13.40	11.21
04/14/94	03:00	7.42	18.34	152.6	297.4	0.14	7.76	7.12	1.46	1.12	4.81	33.51	40.92	16.71	1.47
04/14/94	06:00	7.56	23.39	147.2	323.2	0.15	8.03	6.66	0.72	0.69	2.76	40.45	42.23	10.94	2.22
04/14/94	09:00	8.01	13.12	95.4	301.8	0.24	7.37	6.66	0.64	0.50	2.54	31.98	37.31	24.21	2.81